Lichttechnische Untersuchung

Neuer Stadtteil Dietenbach

Prognose Lichtimmissionen Sportanlagen

Bericht Nr. 770-6475

im Auftrag der

Stadtplanungsamt Freiburg

79106 Freiburg

München, im Oktober 2021

MÖHLER+PARTNER
INGENIEURE AG

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Bericht-Nr.: 770-6475

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[1] Bundes-Immissionsschutzgesetz in der Fassung der Bekanntmachung vom 17. Mai 2013 (BGBl. I S. 1274; 2021 I S. 123), das zuletzt durch Artikel 2 Absatz 1 des Gesetzes vom 9. Dezember 2020 (BGBl. I S. 2873) geändert worden ist

[2] Bundesnaturschutzgesetz vom 29. Juli 2009 (BGBl. I S. 2542), das zuletzt durch Artikel 10 des Gesetzes vom 25. Juni 2021 (BGBl. I S. 2020) geändert worden ist

[3] Gesetz des Landes Baden-Württemberg zum Schutz der Natur und zur Pflege der Landschaft (Naturschutzgesetz – NatSchG) vom 23. Juni 2015, welches durch Artikel 8 des Gesetzes vom 17. Dezember 2020 (GBl. S. 1233, 1250) geändert worden ist

[4] Hinweise zur Messung, Beurteilung und Minderung von Lichtimmissionen, Bund/Länder-Arbeitsgemeinschaft für Immissionsschutz (LAI), Beschluss der LAI vom 13.09.2012, Stand: 08.10.2012 – (Anlage 2 Stand 3.11.2015)

[5] DIN EN 12193, Licht und Beleuchtung – Sportstättenbeleuchtung, Juli 2019

[6] DIN EN 12464-1, Licht und Beleuchtung – Beleuchtung von Arbeitsstätten, Teil 1: Arbeitsstätten in Innenräumen, August 2011

[7] DIN EN 12464-2, Licht und Beleuchtung – Beleuchtung von Arbeitsstätten, Teil 2: Arbeitsplätze im Freien, Mai 2014

[8] Sportreferat Flutlicht Belegung Sport vor Ort, zur Verfügung gestellt durch die Stadt Freiburg am 09.04.2021

[9] Nutzungszeiten des Minisoccerplatzes, übermittelt per E-Mail durch Herrn Gries der Stadt Freiburg im Breisgau am 17.06.2021

[10] Trainingszeiten des Sportvereins Sport vor Ort Rieselfeld, link: http://www.svo-rieselfeld.de/index.php/abteilungen/fussball/platzbelegung/trainingszeiten

[11] Informationen zur Beleuchtung des Minisoccerplatzes, übermittelt per E-Mail durch Herrn Gries der Stadt Freiburg im Breisgau am 17.06.2021

[12] Lage des geplanten zweiten Minisoccerplatzes, übermittelt per E-Mail durch Herrn Gries der Stadt Freiburg im Breisgau am 23.06.2021

[13] Leuchten und Lichtplanung des bestehenden Fußballplatzes, übermittelt per E-Mail durch Herrn Bartels von Lumosa am 22.06.2021

[14] Digitales Geländemodell des Planungsumgriffes, zur Verfügung gestellt durch das Vermessungsamt der Stadt Freiburg im Breisgau am 08.04.2021

[15] Orthofotos des Planungsumgriffes, zur Verfügung gestellt durch das Vermessungsamt der Stadt Freiburg im Breisgau am 08.04.2021

[16] Digitale Flurkarte des Planungsumgriffes, zur Verfügung gestellt durch das Vermessungsamt der Stadt Freiburg im Breisgau am 08.04.2021

[17] LoD-2-Gebäudedatender, zur Verfügung gestellt durch das Vermessungsamt der Stadt Freiburg im Breisgau am 08.04.2021

[18] Fotos der Nachbarschaft in Rieselfeld und der Sportanlage Hirschmatten, zur Verfügung gestellt durch die Stadt Freiburg am 09.04.2021

[19] Flächennutzungsplan 2020 der Stadt Freiburg im Breisgau, Maßstab: 1: 20:000, Stand: 27.11.2006

[20] 26. Änderung des FNP 2020 „Dietenbach“ (Entwurf: nur Flächen und StraBa), Stand: 24.03.2021

[21] Bebauungsplan „Östliches Rieselfeld I A 6/122-1“der Stadt Freiburg im Breisgau, Maßstab: 1:500, Stand: 23.03.94

[22] Bebauungsplan Nr. 6-122.1c „3. Änderung des 1. Teilbebauungsplanes Östliches Rieselfeld – Zentrale Mitte“ der Stadt Freiburg im Breisgau, Maßstab 1:1000, Stand: 31.02.2006

[23] Bebauungsplan „Östliches Rieselfeld III A 6/122-3“der Stadt Freiburg im Breisgau, Maßstab: 1:500/1:1000, Stand: 26.03.1999

[24] 1. Bebauungsplanänderung Östliches Rieselfeld„Östliches Rieselfeld III A 6/122-3a“der Stadt Freiburg im Breisgau, Maßstab: 1:500/1:1000, Stand: 25.11.2003

[25] 6. Teilbebauungsplan Nr. 6-122.6 Östliches Rieselfeld mit örtlichen Bauvorschriften und Ausgleichsflächen in Lehen und Rieselfeld der Stadt Freiburg im Breisgau, Maßstab: 1:500, Stand: 27.04.2010

[26] Lage- und Höhenplan Sport und Freizeitareal „Untere Hirschmatten“ Rieselfeld der Stadt Freiburg im Breisgau, Maßstab: 1:200, Stand: 05.05.2012

[27] FFH-Gebiet 7912311, Mooswälder bei Freiburg, link: https://rips-dienste.lubw.baden-wuerttemberg.de/rips/ripsservices/apps/naturschutz/schutzgebiete/steckbrief.aspx?id=809028000030

[28] Datenauswertebogen, FFH 7912311 – Mooswälder bei Freiburg, Abrufdatum: 07.06.2021, Link: https://udo.lubw.baden-wuerttemberg.de/public/api/processingChain?conditionValuesSetHash=9FFB14D&selector=naturLand.Alle%20Schutzgebiete.nais%3Anais_z_sgb_at_report_objektinfo.sel&processings=nais%3Anais_sgb_datenauswertebogen%2Fnais_sgb_datenauswertebogen_udo.rpt&sourceOrderAsc=false&columns=982acfd4-24af-4a06-a94c-58d379fc4a4b

[29] Bebauungsplanentwurf Nr. 6-175 mit örtlichen Bauvorschriften „Dietenbach – Am Frohnholz“ der Stadt Freiburg im Breisgau, Maßstab: 1:1000, Stand: 18.03.2021

[30] Rahmenplan Dietenbach_Freiburg der Stadt Freiburg im Breisgau, erstellt durch: K9 Architekten GmbH, Maßstab: 1:2000, Stand: 03.11.2020

[31] Erläuterungsbericht, Dietenbach Städtebaulicher Rahmenplan, Stadt Freiburg im Breisgau, November 2020

[32] Fledermausuntersuchungen für den neuen Stadtteil Dietenbach, erstellt durch Freiburger Institut für angewandte Tierökologie GmbH, Stand: 30.11.2021

[33] Software zur Lichtausbreitungsberechnung, Relx, Version: 2020.2.8.0

[34] Leitfaden „Nichtionisierende Strahlung“ Lichteinwirkung auf die Nachbarschaft, Fachverband für Strahlenschutz e. V., Stand. 10.06.2014

[35] Sachstand Lichtverschmutzung – Rechtliche Regelungen zur Beschränkung von Beleuchtung in Deutschland und ausgewählte europäischen Staaten, Wis-senschaftliche Dienste, Deutscher Bundestag, Az.: WD 7 – 2000 – 009/19, Stand: 25.01.2019

[36] Lichtverschmutzung – Ausmaß, gesellschaftliche und ökologische Auswirkungen sowie Handlungsansätze, Bericht des Ausschusses für Bildung, Forschung und Technikfolgenabschätzung (18. Ausschuss) gemäß §56a der Geschäfts-ordnung, Deutscher Bundestag, 11.09.2020

[37] Internetauftritt Fachinformationssystem des Bundesamtes für Naturschutz zu FFH-Verträglichkeitsprüfungen: https://ffh-vp-info.de/FFHVP, letzter Zugriff am 25.02.2025

[38] Leitfaden zur Neugestaltung und Umrüstung von Außenbeleuchtungsanlagen – Anforderungen an eine nachhaltige Außenbeleuchtung, BfN-Skripten 543, Bundesamt für Naturschutz, 2019

[39] Natura 2000-Managementplan “Mooswälder bei Freiburg“, Maßstab: 1:25.000, Stand: 16.04.2018

1. Zusammenfassung:

Im Zuge der Stadtteilentwicklung Dietenbach ist von der Stadt Freiburg im Breisgau ein Sportband mit insgesamt vier künstlich beleuchteten Sportflächen als südlicher Abschluss des geplanten Stadtteils vorgesehen. In der vorliegenden lichttechnischen Untersuchung wurden die durch die Sportbeleuchtung verursachten Lichtimmissionen (Raumaufhellung und Blendung) in der bewohnten Nachbarschaft (Schutzgut Mensch) rechnerisch prognostiziert. Ferner wurden die Auswirkungen auf die umliegende Fauna (Schutzgut Tiere) bewertet

Die künstlich beleuchteten Bereiche im Sportband setzen sich aus einem bestehenden Sportplatz, einem Großspielfeld, einer Kampfbahn C und zwei Minisoccerplätzen zusammen und sollen zum einen dem Trainingsbetrieb (Variante 1) und zum anderen dem Spielbetrieb (Variante 2) dienen. Für die Variante 1 wurde eine mittlere Platzbeleuchtung von 100 lx und für die Variante 2 von 200 lx angestrebt. Für den bestehenden Sportplatz liegt eine lichttechnische Planung vor, die auf die Großspielfläche und die Kampfbahn C übertragen wurde. Die beiden Minisoccerplätze wurden mit beispielhaften Leuchten versehen. Anhand der Beleuchtungsanlagen im geplanten Sportband ergeben sich in der Untersuchung folgende Lichtimmissionen in der bewohnten Nachbarschaft.

Variante 1: Trainingsbetrieb

- In der umliegenden Nachbarschaft werden Beleuchtungsstärken von bis E_F = 3,29 lx ermittelt. An 6 der 23 untersuchten Immissionsorte treten Überschreitungen der zulässigen Raumaufhellungen auf.
- In der Prognose wurden für das nördlich gelegene Plangebäude (IO 22) Blendmaße von k_S = 2312 ermittelt. Insgesamt liegen an 21 der 23 untersuchten Immissionsorte Überschreitungen des zulässigen Blendmaßes k_S vor

Variante 2: Spielbetrieb

- In der umliegenden Nachbarschaft werden Beleuchtungsstärken von bis E_F = 6,44 lx ermittelt. An 12 der 23 untersuchten Immissionsorte treten Überschreitungen der zulässigen Raumaufhellungen auf.
- In der Prognose wurden für das nördlich gelegene Plangebäude (IO 22) Blendmaße von k_S = 2394 ermittelt. Insgesamt liegen an 22 der 23 untersuchten Immissionsorte Überschreitungen des zulässigen Blendmaßes k_S vor

Folgende Maßnahmen zur Entschärfung der lichttechnischen Beeinträchtigungen in der Nachbarschaft bieten sich an:

- Anpassung der Betriebszeiten und der Sportplatzbelegung
- Wahl und Anbringung der Leuchten mit Anbringung von Blendschutz
- Konzipierung sichtunterbrechender Objekte

Um Beeinträchtigungen durch Lichtverschmutzung für Tiere möglichst gering zu halten, ist vor allem die Wahl der Lampen ausschlaggebend. Daher ist im Zuge der Planung darauf zu achten, dass

- die Lampen nicht nach oben abstrahlen.
- die verwendeten Leuchtmittel eine Farbtemperatur von < 3.000 K (warm-weißes Licht) aufweisen.
- die Lampengehäuse gegen das Eindringen von Insekten vollständig geschlossen sind.
- die Beleuchtung nicht höher als unbedingt notwendig montiert wird.
- die maximale Beleuchtungsstärke so gering wie möglich gehalten wird.
- Betriebszeiten so gering wie möglich halten

2. Aufgabenstellung

Die Stadt Freiburg plant zur Deckung ihres Wohnraumbedarfs im Rahmen einer städtebaulichen Entwicklungsmaßnahme den neuen Stadtteil Dietenbach im Westen des Stadtgebiets zu errichten. Auf der ca. 130 ha großen Fläche sollen rund 6.900 Wohneinheiten für über 15.000 Einwohnerinnen und Einwohner entstehen.

Der neue Stadtteil Dietenbach soll alle wichtigen Funktionen des täglichen Bedarfs umfassen und neben einer funktionierenden Stadtteilmitte mit Geschäften, großflächigem Einzelhandel und Dienstleistungen sowie zwei zentralen Grünzügen auch eine vollumfängliche soziale Infrastruktur bieten. Hierfür sind im südlichen Bereich des geplanten Stadtteils Schulen und Sportflächen vorgesehen. Diese Sportflächen im Freiraum („Sportband“) sind mit ihren Beleuchtungsanlagen Untersuchungsgenstand des zu erstellenden lichttechnischen Gutachtens. Das geplante Sportband soll 4 beleuchtete Sporteinrichtungen beinhalten. Die 4 beleuchteten Anlagen des Sportbandes verteilen sich insgesamt auf die Geltungsbereiche von insgesamt 3 Bebauungsplänen. Im westlichen Bereich des Sportbandes soll eine Kampfbahn für leichtathletische Nutzungen entstehen, die auch eine Nutzung in den Abendstunden vorsieht. Im östlichen Anschluss daran sollen Kleinspielfelder errichtet werden, die jedoch nach derzeitigem Stand nicht künstlich beleuchtet werden sollen. Östlich daran anschließend befindet sich ein bestehender Fußballplatz, der im Zuge der Planung erhalten bleibt und bereits künstlich beleuchtet ist. Für den Bestandsplatz soll eine Leuchtenumrüstung im Zuge der Planung erfolgen. Im östlichen Anschluss (östlich des Vereinsheims) befindet sich ein künstlich beleuchtetes Minisoccerfeld und ein derzeit unbeleuchteter Basketballplatz. In der näheren Zukunft ist geplant, dass der unbeleuchtete Basketballplatz in einen zweiten Minisoccerplatz umfunktioniert wird und auch künstlich beleuchtet werden soll. Der geplante zweite Minisoccerplatz wird in der Untersuchung berücksichtigt. Den östlichen Abschluss des geplanten Sportbandes bildet ein geplantes Großspielfeld, welches ebenfalls künstlich beleuchtet werden soll. Das Sportband mit seinen beleuchteten Sporteinrichtungen grenzt südlich an geplante schulische Einrichtungen, ein Studentenwohnheim und noch nicht näher definierte Forschungs- oder Büroeinrichtungen. Südlich an das Sportband schließt – getrennt durch einen Waldstreifen - der Stadtteil Rieselfeld mit bestehender Wohnbebauung und einer Grünanlage an. Nordwestlich an das geplante Sportband schließt das Langmattenwäldchen an. Westlich des Sportbandes befindet sich das Naturschutzgebiet Rieselfeld.

Im Rahmen einer lichttechnischen Untersuchung sind die Lichtemissionen durch die bestehenden und geplanten Flutlichtanlagen der Sporteinrichtungen zu prognostizieren und auf Grundlage der „Hinweise zur Messung, Beurteilung und Minderung von Lichtimmissionen“ der Bund/Länder-Arbeitsgemeinschaft für Immissionsschutz (LAI) zu beurteilen. Hierbei sind für die bewohnte Nachbarschaft die Raumaufhellung der Wohnbereiche und die Blendungen zu erheben und beurteilt werden. Darüber hinaus sollen die Auswirkungen auf lichtsensible Fauna beurteilt werden. Bei Identifizieren von Betroffenheiten (Schutzgut Mensch und Schutzgut Tiere) sind Maßnahmenvorschläge zu unterbreiten, die zu einer Entschärfung der lichttechnischen Konflikte führen.

Die lichttechnische Untersuchung soll so konzipiert werden, dass sowohl bebauungsplanübergreifend die lichttechnischen Auswirkungen der Beleuchtungsanlagen des gesamten Sportbandes (Ebene des Flächennutzungsplans) als auch die Auswirkungen der Beleuchtung der einzelnen Sporteinrichtungen in den jeweiligen Bebauungsplänen ermittelt und beurteilt werden. In den jeweiligen Betrachtungen auf Bebauungsplanebene sind die lichttechnischen Anlagen in den Geltungsbereichen der anderen Bebauungspläne als vorhandene bzw. fiktive Vorbelastung zu berücksichtigen.

Ggfs. sind Lösungsvorschläge und Empfehlungen zur lichttechnischen Situation in der Nachbarschaft (Schutzgut Mensch und Schutzgut Tiere) für die Änderung des Flächennutzungsplans und die einzelnen Bebauungsplanverfahren zu erarbeiten.

Mit der Durchführung der lichttechnischen Untersuchung wurde die Möhler + Partner Ingenieure AG am 06.04.2021 von der Stadt Freiburg im Breisgau beauftragt.

3. Örtliche Gegebenheiten

Der geplante neue Stadtteil Dietenbach soll im westlichen Randbereich der Stadt Freiburg im Breisgau entstehen. Der geplante Stadtteil Dietenbach schließt nördlich an den Stadtteil Rieselfeld, südlich an den Stadtteil Lehen und westlich an den Stadtteil Weingarten an. Der neue Stadtteil Dietenbach soll alle für ein Stadtteil typischen Funktionen (Wohnen, Büros, Einzelhandel, Gemeinflächen, etc.) erfüllen. Hierfür sind im südlichen Bereich des geplanten Stadtteils beispielsweise Schulen und Sportflächen vorgesehen. Der Stadtteil Dietenbach unterteilt sich in sechs einzelne Bebauungspläne, die jeweils in einem Bauabschnitt realisiert werden sollen. Im weiteren Verlauf des Gutachtens werden die einzelnen Bebauungspläne nach deren Bauabschnitt benannt. So wird der Bebauungsplan, der im Zuge des Bauabschnitts 1 umgesetzt werden soll, Bebauungsplan Bauabschnitt 1 genannt. Die Geltungsbereiche der einzelnen Bebauungspläne respektive der geplanten Bauabschnitte mit Markierung des Bereiches der Sportflächen im Freiraum („Sportband“) sind in der nachfolgenden Abbildung dargestellt.

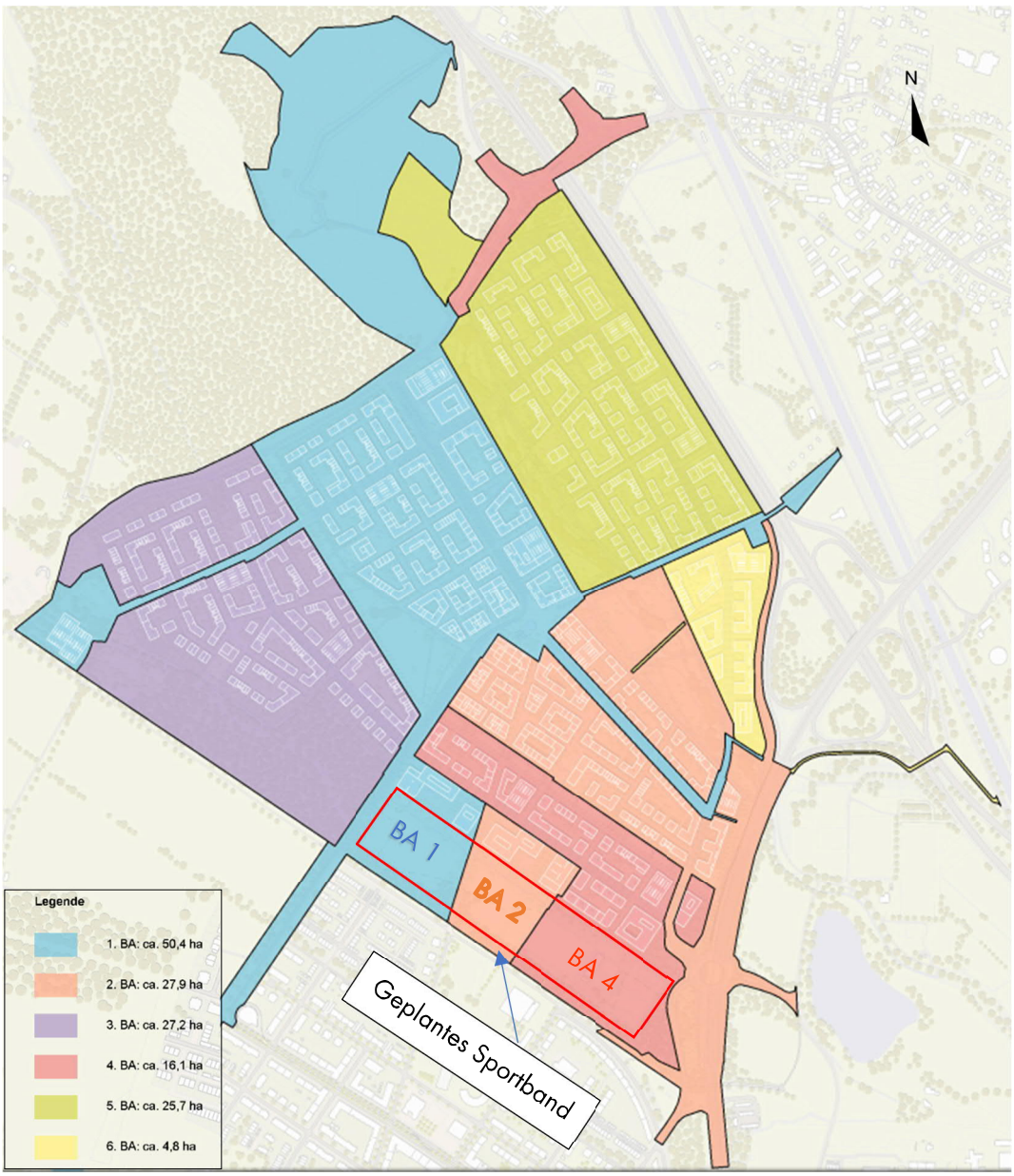


Abbildung 1: Dietenbach aufgeteilt auf die Geltungsbereiche der einzelnen Bebauungspläne [31]

Für die vorliegende lichttechnische Untersuchung sind das geplante Sportband sowie die aus lichttechnischer Sicht schutzbedürftige direkte Nachbarschaft von Bedeutung. Von der geplanten künstlichen Beleuchtung des Sportbandes gehen die Lichtimmissionen in der Nachbarschaft aus. Im nachfolgenden werden die örtlichen Gegebenheiten im Sportband und der umliegenden Nachbarschaft dargestellt:

<u>Sportband</u>

Wie der obigen Abbildung entnommen werden kann, liegt das geplante Sportband mit seinen künstlichen Beleuchtungsanlagen in den Geltungsbereichen von drei verschiedenen Bebauungsplänen (i.e.

Bauabschnitten). In der nachfolgenden Abbildung ist dargestellt, wo sich im Sportband die einzelnen Sportflächen befinden und in welchen Geltungsbereichen diese liegen. Die Sportflächen, die künstlich beleuchtet werden (Bestand)/werden sollen (Planung) sind gelb markiert.

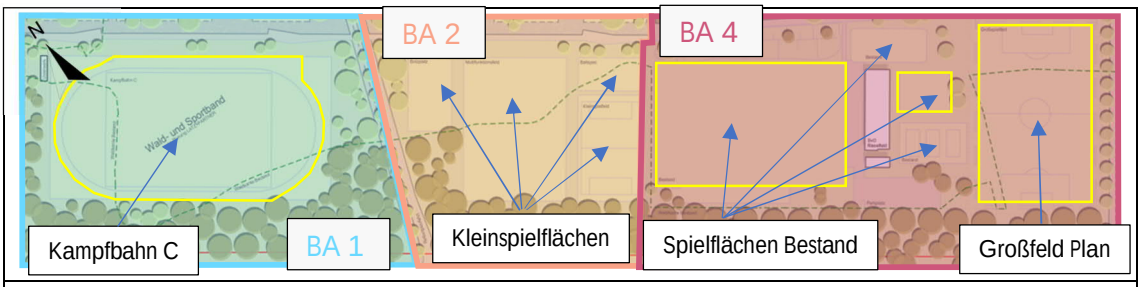


Abbildung 2: Übersichtslageplan des Sportbandes

Im westlichen Abschnitt des Sportbandes – im Geltungsbereich des Bebauungsplanes Bauabschnitt 1 - befindet sich die geplante Leichtathletikanlage Kampfbahn C, welche künstlich beleuchtet werden soll. Im mittleren Bereich des Sportbandes – im Geltungsbereich des Bebauungsplanes Bauabschnitt 2 – sind im nordwestlichen Bereich ein Bolzplatz, im mittleren Bereich ein Multifunktionsfeld, im nordöstlichen Bereich ein Ballspielfeld und im südöstlichen Bereich ein Kleinspielfeld vorgesehen, die nicht künstlich beleuchtet werden sollen. Im östlichen Bereich des Sportbandes – im Geltungsbereich des Bebauungsplanes Bauabschnitt 4 - befinden sich im westlichen Bereich bestehende Sportflächen und im Osten ist ein Großspielfeld, welches künstlich beleuchtet werden soll, geplant. Die bestehenden Sportflächen (Sportanlage „Hirschmatten“, 6. Teilbebauungsplan „Östliches Rieselfeld“, Plan-Nr.: 6-122.6) setzen sich aus einem Großspielfeld im Westen, welches künstlich beleuchtet wird und in der näheren Zukunft lichttechnisch umgerüstet werden soll, und im östlichen Bereich aus Kleinspielflächen zusammen. Die Kleinspielflächen setzen sich südlich aus Beachvolleyballplätzen, in der Mitte aus einem Basketballplatz und einem Minisoccerplatz und nördlich aus einem Ballsportplatz zusammen. Aktuell wird von den Kleinspielflächen nur der Minisoccerplatz künstlich beleuchtet. Die Planung [12] sieht jedoch vor, den westlich des künstlich beleuchteten Minisoccerplatzes gelegenen Basketballplatz in einen beleuchteten Minisoccerplatz umzufunktionieren. Die geplante Umfunktionierung des Basketballplatzes in einen künstlich beleuchteten Minisoccerplatz wurde in der vorliegenden Untersuchung berücksichtigt.

Das geplante Sportband bildet den südlichen Abschluss des geplanten Stadtteils Dietenbach und grenzt nördlich – getrennt durch einen Waldstreifen - an Bestandsgebäude des Stadtteils Rieselfeld an. Westlich des Sportbandes befindet sich das sog. Langmattenwäldchen. Immissionstechnischen Untersuchungsgegenstand bilden Mensch und Fauna. Nachfolgend werden die örtlichen Gegebenheiten der umliegenden Nachbarschaft behandelt:

Bewohnte Nachbarschaft (Schutzgut Mensch)

Nordwestlich der Leichtathletikfläche Kampfbahn C (westlicher Bereich des Sportbandes) im Geltungsbereich des Bebauungsplans Bauabschnitt 3 sind 4 bis 5-stockige Wohngebäude geplant. Nordöstlich der Kampfbahn C im Geltungsbereich des Bebauungsplans Bauabschnitt 1 ist eine Schule mit Mensa und Jugendtreff vorgesehen. Nordöstlich der Kleinspielflächen im Geltungsbereich des Bebauungsplans Bauabschnitt 2 ist ebenfalls eine Schule mit Sporthalle und einem Vereinsheim

mit Außengastronomie vorgesehen. Nordöstlich der Bestandssportflächen im Geltungsbereich des Bebauungsplans Bauabschnitt 4 ist die Errichtung von studentischen Wohneinrichtungen geplant. Im östlichen Anschluss an das studentische Wohnen ist ein Bürogebäude und weiter nordöstlich ein Hotel vorgesehen. Nördlich der geplanten Schulen, des Studentenwohnens und dem Bürogebäude ist wohnquartiersüblich eine Mischung aus überwiegend Wohnen mit ergänzenden Anteilen von Einzelhandel, Kindertagesstätten, Büros und Parkgaragen vorgesehen. Die örtlichen Gegebenheiten des südlichen Bereichs des geplanten Stadtteils Dietenbach können der nachfolgenden Abbildung entnommen werden.

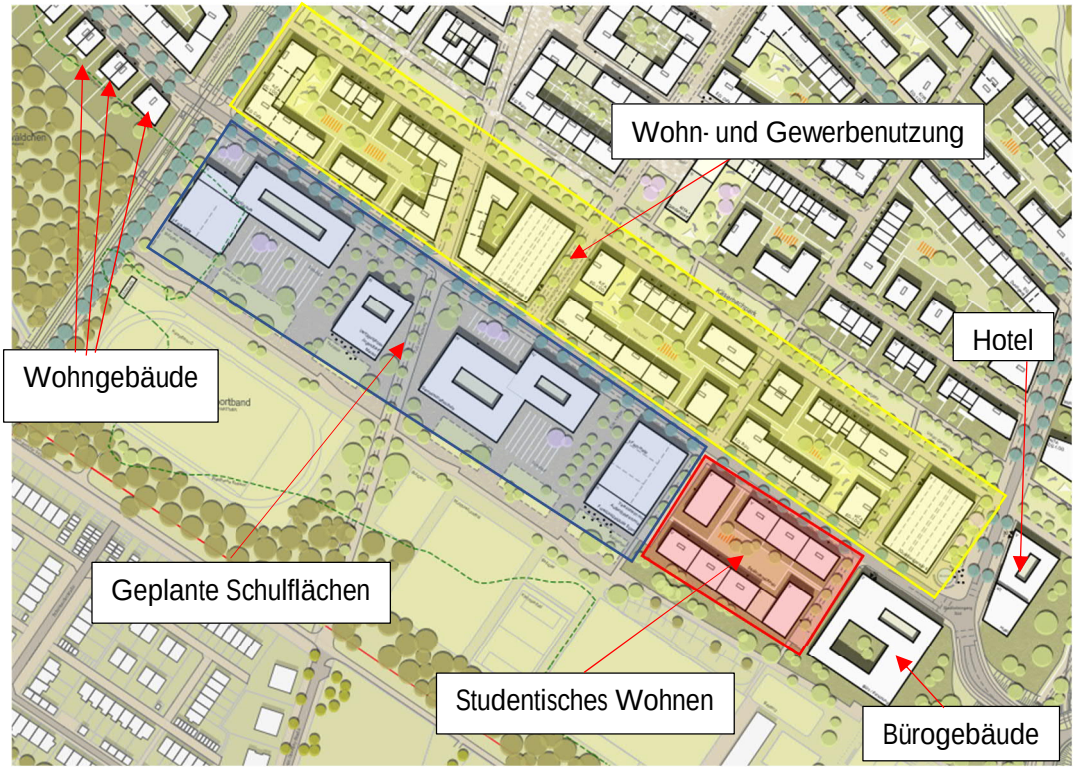


Abbildung 3: nördliche Nachbarschaft des Sportbandes

Südlich des Sportbandes befindet sich der bestehende Stadtteil Rieselfeld. Der nördliche Bereich des Stadtteils Rieselfeld befindet sich im Geltungsbereich von 3 Bebauungsplänen:

Für den Bereich südwestlich der Kampfbahn C und nördlich des unteren Rieselfeldgrabens setzt der Bebauungsplan „Östliches Rieselfeld III A 6/122-3“ [23] und seine 1. Änderung „Östliches Rieselfeld III A 6/122-3a“ [24] Allgemeines Wohnen fest. Im südlichen Anschluss an den unteren Rieselfeldgraben befindet sich gemäß ([23] und [24]) im östlichen Bereich eine Gemeinbedarfsfläche mit schulischer Nutzung. Ansonsten sind im Geltungsbereich des Bebauungsplans „Östliches Rieselfeld III A 6/122-3“ [23] und seiner 1. Änderung „Östliches Rieselfeld III A 6/122-3a“ [24] Allgemeine Wohngebietsflächen, Mischgebietsflächen und eine weitere Gemeinbedarfsfläche festgesetzt. Im östlichen Anschluss an den Geltungsbereich des Bebauungsplans „Östliches Rieselfeld III A 6/122-3“ [23] und seiner 1. Änderung „Östliches Rieselfeld III A 6/122-3a“ [24] grenzt der Geltungsbereich des Bebauungsplans „Östliches Rieselfeld – Zentrale Mitte – 6 – 122.1c [22] an, der durch die Carl-

von-Ossietzky-Straße im Westen, die Johanna-Kohlund-Straße im Osten und die Rieselfeldallee im Süden begrenz wird und Gemeinbedarfsflächen festsetzt. Im östlichen Anschluss grenzen gemäß dem Bebauungsplan „Östliches Rieselfeld I A 6/122-1“ [21] Allgemeine Wohngebietsflächen und Mischgebietsflächen an. Die Gebietswidmung der nördlichen Nachbarschaft des Stadtteils Rieselfeld ist in der nachfolgenden Abbildung dargestellt:

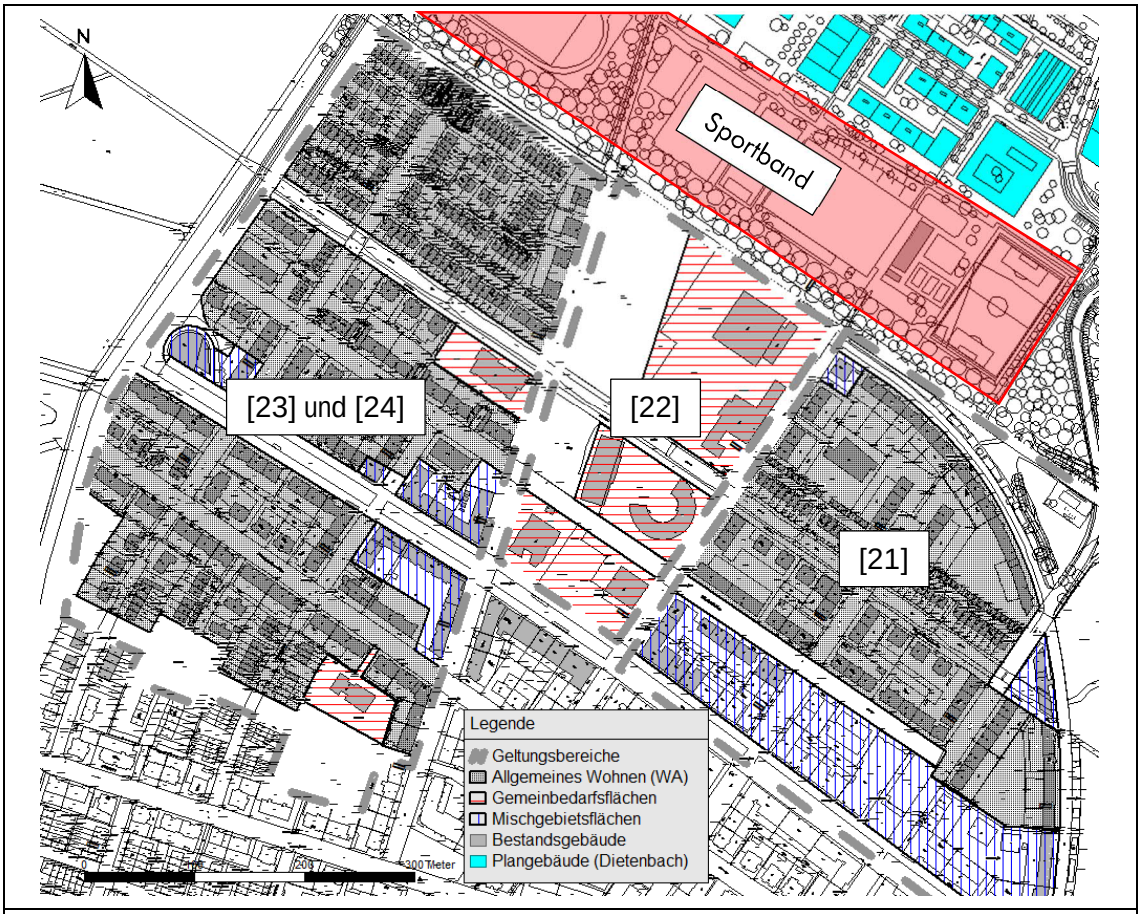


Abbildung 4: Gebietswidmung der südlichen Nachbarschaft des Sportbandes

Naturflächen (Schutzgut Tiere)

Nordwestlich des Sportbandes befindet sich das sog. Langmattenwäldchen. Südlich des Langmattenwäldchens und im westlichen Anschluss an den Stadtteil Rieselfeld befinden sich verschiedene sich teilweise überlagernde ökologisch bedeutsame Flächen: Diese setzen sich aus

- dem 5069 ha großen FFH-Gebiet 7912311 „Mooswälder bei Freiburg“ ([27] und [28]), welches neben Amphibien, Fischen, Krebstieren und Weichtieren Fledermausarten wie das Große Mausohr, die Wimpernfledermaus und die Bechsteinfledermaus und Insektenarten wie Libellen, Käfer und Schmetterlinge beheimatet,
- dem Vogelschutzgebiet 7912-441 „Mooswälder bei Freiburg“ [39] und
- dem Naturschutzgebiet „Freiburger Rieselfeld“ [39]

zusammen.

Südlich an das Sportband schließt ein schmaler Waldstreifen an, der eine optische Trennung zwischen dem Sportband und dem Stadtteil Rieselfeld erzeugen soll. Östlich des Sportbandes befinden sich zwischen dem Sportband und der Tel-Aviv-Yafo-Allee (vormals Besançonallee) weitere Baumbestände.

Die Lage und Abmessung der Naturflächen kann der nachfolgenden Abbildung entnommen werden.

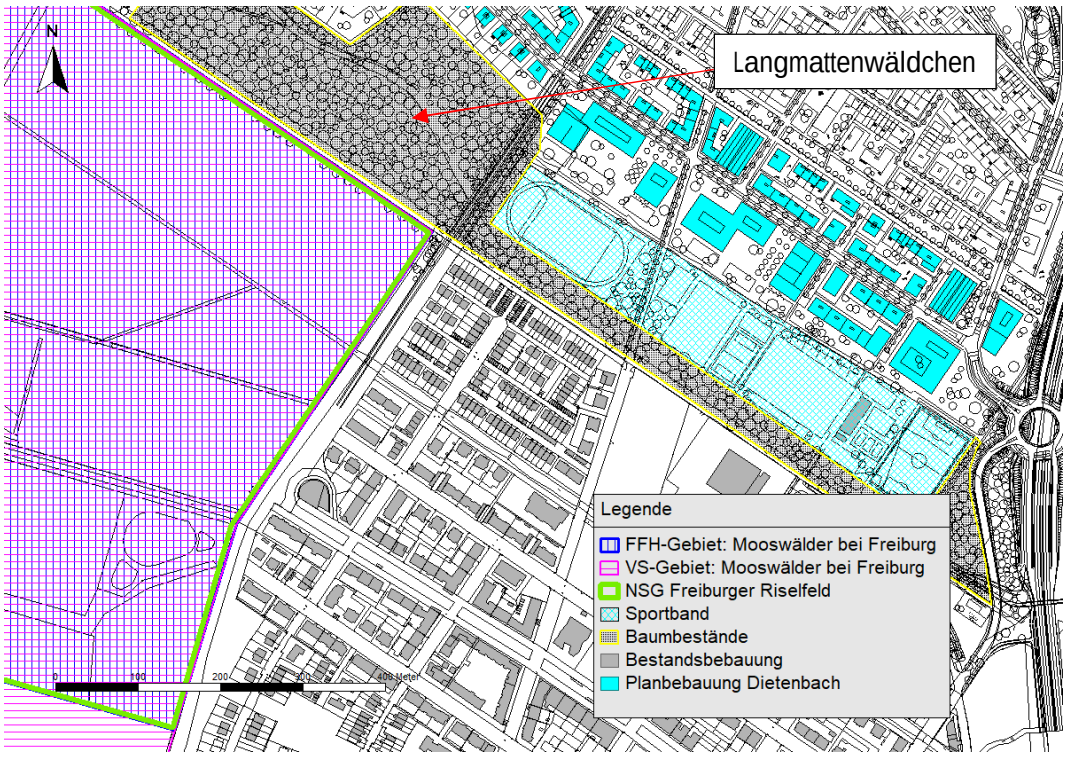


Abbildung 5: Gebietswidmung der südlichen Nachbarschaft des Sportbandes

Den lichtimmissionstechnischen Untersuchungsgegenstand bilden zum einen die geplante nördliche Nachbarschaft des Stadtteils Dietenbach und die bestehende südliche Nachbarschaft des Stadtteils Rieselfeld als auch die umliegenden Naturflächen und ihre Faunabestände.

4. Grundlagen

4.1 Methodisches Vorgehen

Die geplanten Sportanlagen müssen im Abend- und im frühen Nachtzeitraum beleuchtet werden. Ein Lichtkonzept liegt nicht vor. Es wird daher folgende Vorgehensweise in der vorliegenden Untersuchung zugrunde gelegt.

1) In einem ersten Schritt ist für die einzelnen zu beleuchtenden Sportflächen des geplanten Sportbandes eine ausreichende Beleuchtung zu planen, die die Anforderungen von Kapitel 3.2 erfüllt. Es wird kein Lichtkonzept erstellt, weshalb Kriterien wie Gleichverteilung der Beleuchtung, Blendung durch die Beleuchtung im Plangebiet etc. keine Berücksichtigung finden. Es findet somit ggf. eine für die Schutzbelange der Nachbarschaft auf der sicheren Seite liegende Überdimensionierung der Beleuchtung des Plangebiets statt, die eine Mindestausleuchtung der geplanten Sportflächen gewährleistet. Erfüllt das Beleuchtungskonzept die Anforderungen an eine ausreichende Beleuchtung,
2) so ist in einem zweiten Schritt der Einfluss dieser Beleuchtung auf die Nachbarschaft und Umwelt zu erheben und zu beurteilen.

Da die Planung im Zuge verschiedener Bebauungspläne realisiert werden soll, werden die Beleuchtungsanlagen zeitlich versetzt realisiert. Hier sind gemäß des Bauleitverfahrens die Auswirkungen der geplanten Beleuchtung im Geltungsbereich eines Bebauungsplans auf die schutzbedürftige Nachbarschaft zu ermitteln und zu beurteilen. Hierbei muss neben der Zusatzbelastung, die sich aus den geplanten Beleuchtungsanlagen im Geltungsbereich des untersuchten Bebauungsplans ergibt, auch die Vorbelastung, die durch bestehende oder im vorliegenden Fall auch geplante Beleuchtungsanlagen anderer geplanter Bebauungspläne entsteht, in die lichttechnischen Immissionsberechnungen einfließen. Es ist daher auch erforderlich, bei einem zeitlich früher realisierten Bebauungsplan die Beleuchtungsanlagen später realisierter Bebauungspläne in Form der Vorbelastung einfließen zu lassen, da diese in der näheren Zukunft realisiert werden. Für die Betrachtung der lichttechnischen Auswirkungen der Beleuchtungsanlagen der vorliegenden drei Bebauungspläne Bauabschnitt 1, Bauabschnitt 2 und Bauabschnitt 4 sind also jeweils die Zusatzbelastung und die Vorbelastung zu berücksichtigen. Die Zusatzbelastungen und Vorbelastungen unterscheiden sich bei den drei Bebauungsplänen Bauabschnitt 1, Bauabschnitt 2 und Bauabschnitt 4. Die Gesamtbelastung, die sich aus der Zusatzbelastung und der Vorbelastung zusammensetzt, ist jedoch für alle drei Bebauungspläne gleich. Dieser Sachverhalt ist nachfolgend dargestellt:

- **Bebauungsplan Bauabschnitt 1:** Zusatzbelastung: Beleuchtungsanlagen im Geltungsbereich Bauabschnitt 1, Vorbelastung: Beleuchtungsanlagen im Geltungsbereich Bauabschnitt 4, im Geltungsbereich Bauabschnitt 2 befinden sich keine zu beleuchtenden Flächen
- **Bebauungsplan Bauabschnitt 2:** Zusatzbelastung: Da keine zu beleuchtenden Flächen im Geltungsbereich Bauabschnitt 2 liegen, entsteht keine Zusatzbelastung, Vorbelastung: Beleuchtungsanlagen im Geltungsbereich Bauabschnitt 1 und Bauabschnitt 3
- **Bebauungsplan Bauabschnitt 4:** Zusatzbelastung: Beleuchtungsanlagen im Geltungsbereich Bauabschnitt 4, Vorbelastung: Beleuchtungsanlagen im Geltungsbereich Bauabschnitt 1, im Geltungsbereich Bauabschnitt 2 befinden sich keine zu beleuchtenden Flächen

Es zeigt sich also, dass sich die Gesamtbelastung für jeden der drei untersuchten Bebauungspläne aus den Beleuchtungsanlagen in den Geltungsbereichen der Bebauungspläne Bauabschnitt 1 und Bauabschnitt 4 zusammensetzt. Dieses Vorgehen soll sicherstellen, dass nicht bereits durch geplante Beleuchtungsanlagen, die im Zuge des Bauabschnitts 1 entstehen, keine weiteren Beleuchtungsanlagen mehr realisiert werden können, da bereits die zulässigen Immissionswerte ausgeschöpft werden.

4.2 Bewertung der Lichtimmissionen

Durch die künstliche Beleuchtung der Sportplätze entstehen Lichtabstrahlungen, die über das Plangebiet hinaus an die Nachbarschaft abgegeben werden. Lichtimmissionen gelten gem. § 3 des BImSchG [1] als schädliche Umwelteinwirkungen, falls hieraus *„Gefahren, erhebliche Nachteile oder erhebliche Belästigungen für die Allgemeinheit oder die Nachbarschaft“* hervorgehen. Dabei sind sowohl Menschen als auch Tiere und Pflanzen als relevante Immissionsempfänger berücksichtigt. Gesetzliche Anforderungen an Lichtimmissionen bestehen in Baden-Württemberg zurzeit jedoch nicht. Zur Beurteilung der Lichtimmissionen hat die Bund/Länder-Arbeitsgemeinschaft für Immissionsschutz (LAI) deshalb die Licht-Richtlinie „Hinweise zur Messung, Beurteilung und Minderung von Lichtimmissionen“ [4] veröffentlicht. Zu den lichtemittierenden Anlagen gehören gemäß der Licht-Richtlinie „künstliche Lichtquellen aller Art“. Bei „Anlagen zur Beleuchtung des öffentlichen Straßenraumes, Beleuchtungsanlagen von Kraftfahrzeugen und dem Verkehr zuzuordnende Signalleuchten“ [4] handelt es sich nicht um Anlagen im Sinne des §3 Absatz 5 des BImSchG [1]. Somit sind die hier vorgeschlagenen Anforderungen zum Schutz der Nachbarschaft für den vorliegenden Fall (Sportbeleuchtung) anwendbar. Zur Beurteilung von Lichtimmissionen sind die Raumaufhellung und die Blendung maßgeblich. Die im Rahmen des Immissionsschutzes zu beurteilenden Lichteinwirkungen bewegen sich im Bereich der Belästigung. Gesundheitliche Schäden am Auge sind nicht zu erwarten.

4.2.1 für den Menschen

Für die Beurteilung der Raumaufhellung nennt die Licht-Richtlinie des LAI die folgenden Immissionsrichtwerte [4]:

Immissionsort (Einwirkungsort) Gebietsart nach BauNVO	mittlere Beleuchtungsstärke E_F in lx	
	6 Uhr bis 22 Uhr	22 Uhr bis 6 Uhr
Kurgebiete, Krankenhäuser, Pflegeanstalten	1	1
Reine Wohngebiete, Allgemeine Wohngebiete, Besondere Wohngebiete, Kleinsiedlungsgebiete, Erholungsgebiete	3	1
Dorfgebiete, Mischgebiete	5	1
Kerngebiete, Gewerbegebiete, Industriegebiete	15	5

Die o.g. Immissionsrichtwerte beziehen sich auf zeitlich konstantes und weißes oder annähernd weißes Licht, das mehrmals in der Woche jeweils länger als eine Stunde eingeschaltet ist.

Für die Beurteilung der Blendung nennt die Licht-Richtlinie des LAI die folgenden Immissionsrichtwerte [4]:

Immissionsort (Einwirkungsort) Gebietsart nach BauNVO	Immissionsrichtwert k für Blendung		
	6 Uhr bis 20 Uhr	20 Uhr bis 22 Uhr	22 Uhr bis 6 Uhr
Kurgebiete, Krankenhäuser, Pflegeanstalten	32	32	32
Reine Wohngebiete, Allgemeine Wohngebiete, Besondere Wohngebiete, Kleinsiedlungsgebiete, Erholungsgebiete	96	64	32
Dorfgebiete, Mischgebiete	160	160	32
Kerngebiete, Gewerbegebiete, Industriegebiete	--	--	160

Die Blendung k_s an einem Immissionsort errechnet sich maßgeblich aus der Leuchtdichte L_s der jeweiligen Leuchte, dem Raumwinkel Ω_s, in dem diese Leuchtquelle am Immissionsort wahrgenommen wird und der Leuchtdichte der umgebenden Nachbarschaft L_U. Eine höhere Leuchtdichte (L_s) einer Leuchte, eine niedrigere Umgebungsleuchtdichte (L_U) sowie ein großer Raumwinkel (Ω_s) führen zu einer Erhöhung der psychologischen Blendung k_s. Die Blendung an einem Immissionsort wird immer ausgehend von einer Leuchte bestimmt. Hierbei reagieren die in die Blendungsberechnung einfließenden oben genannten Berechnungseingangsdaten sehr sensibel auf die Lagebeziehungen Immissionsort und Leuchte und der Leuchteigenschaften der Leuchte. Neben der individuellen Blendcharakteristik einer Leuchte (mit Blendschuten, Spiegelflächen, etc.) kann auch der genauen Lage, Neigung, Anbringungshöhe und Orientierung der Leuchte ein großer Einfluss in Bezug auf ihr Blendverhalten in der Nachbarschaft beigemessen werden. Auch die genaue Lage des Immissionsorts (Lage des Fensters o.Ä. an der Fassade, genaue Höhe des Fensters) hat maßgeblichen Einfluss auf die Höhe der Blendungswirkung. Die Blendungsberechnung setzt daher sehr genaue Randbedingungen, die im Zuge der Planrealisierung sicherlich mit Unsicherheiten behaftet sind, da geringe Veränderungen zu großen Veränderungen der Blendungen führen können. Die Ermittlung der Blendungen gibt daher eher Aufschluss darüber, ob an einem Immissionsort grundsätzlich Blendungen auftreten und in welcher Größenordnung diese zu erwarten sind. Eine abschließende Aussage über das Blendverhalten einer Leuchte in der Nachbarschaft sollte in Form einer lichttechnischen Messung getroffen werden.

Es wurde abhängig von der Betriebsbeschreibung [8], die für die geplanten zwei Sportflächen (Kampfbahn C und Großspielfeld) eine Trainingsnutzung bis 22:00 am Abend vorsieht, eine Beleuchtung nach 22:00 Uhr (Nachtzeitraum) angesetzt, da davon auszugehen ist, dass die Beleuchtung nicht direkt nach Trainingsende abgeschaltet wird. Für den bestehenden Fußballplatz konnte anhand der Trainingszeiten [10] abgeleitet werden, dass ein Trainingsbetrieb bis 21:30 vorliegt. Auf der sicheren Seite liegend wurde davon ausgegangen, dass eine Beleuchtung der Sportfläche nach 22:00 vorliegen kann. Für den Minisoccerplatz liegt gemäß [9] eine Nutzung bis 23:00 vor. Es wurde daher eine Beleuchtung der Sportflächen im Nachtzeitraum unterstellt.

4.2.2 für Tiere

Als Empfänger von schädlichen Umwelteinwirkungen z.B. in Form von Licht werden Tiere gemäß dem BImSchG [1] ebenfalls neben dem Menschen aufgeführt. Im Zuge einer Überarbeitung im Mai 2000 der erstmals 1993 erschienen Licht-Richtlinie „Hinweise zur Messung, Beurteilung und Minderung von Lichtimmissionen“ [4] werden im Anhang 1 „Hinweise über die schädlichen Einwirkungen von Beleuchtungsanlagen auf Tiere – insbesondere auf Vögel und Insekten – und mit Vorschlägen zu deren Minderung“ ergänzt. Hierbei sind gerade nachtaktive flugfähige Insekten, Fledermäuse als auch Vögel betroffen. Daher nehmen sich auch das Bundesnaturschutzgesetz (BNatSchG) [2] sowie das Landesnaturschutzgesetz des Landes Baden-Württemberg [3] dem Thema künstliche Beleuchtung und dem Schutz der lichtsensiblen Fauna an. Hierbei werden im Bundesnaturschutzgesetz in den §13, §15, §34, §39 und §44 Restriktionen für Verursacher von Störungen der schutzbedürftigen Fauna diktiert.

Störungen der Fauna entstehen vor allem im Nachtzeitraum, da es sich gemäß [38] bei ca. 30 % der Wirbeltiere und ca. 60 % der wirbellosen Tiere um nachtaktive Spezies handelt. Durch künstliche Lichteinflüsse wird das natürliche Verhalten der Tiere gestört oder verändert. Die negativen Effekte auf die Tierwelt sind weitreichend. So werden durch künstliche Leuchten Schatten- und Lichtbereiche geschaffen, die für diverse Tierarten zu Barrieren werden können, die ihren Lebensraum restringieren. Analog zum menschlichem Sehempfinden kann künstliche Beleuchtung zu Blendungen und Sichteinschränkungen (zu langsame Adaption des Auges, wenn von Hellem ins Dunkle oder umgekehrt) von Tieren führen, die in direkter Folge zu leichter Beute werden oder ihre Orientierung verlieren. Dies sind nur beispielhafte negative Effekte, die eine künstliche Belichtung auf die Fauna haben kann. Nachfolgend wird gesondert auf Insekten, Vögel und Fledermäuse eingegangen, da diese maßgeblich durch künstliche Beleuchtung beeinträchtigt werden können.

Insekten

Nachaktive Insekten, welche nachts auf Nahrungs- und Partnersuche gehen, orientieren sich in der Dunkelheit an den Sternen und dem Mond. In einer dunklen Umgebung reichen die geringen Helligkeiten der Himmelskörper und des Mondes für die Kursfindung der Insekten aus. Befinden sich jedoch in der Dunkelheit künstliche Lichtquellen, die heller leuchten als die Himmelskörper und der Mond, so führt dies zu einem Orientierungsverlust der Insekten. Die Insekten werden von den künstlichen Lichtquellen angezogen (sogenannte Phototaxis: gerichtete Bewegung aufgrund eines Lichtreizes) und somit an der Nahrungs- und Partnersuche gehindert. Der Anlockungseffekt verstärkt sich, je größer der Kontrast zwischen Umgebungshelligkeit und der Helligkeit der künstlichen Lichtquelle ist. Das Insektenauge ist besonders empfindlich für Licht mit Wellenlängen unter 400 Nanometern und daher zieht vor allem der UV-Anteil des Lichts, welches für den Menschen nicht sichtbar ist, Insekten besonders an. Durch den Aufprall auf die Lichtquellen, durch Verbrennen an der Lichtquelle als auch primär durch Erschöpfung sterben dadurch unzählige Insekten an den künstlichen Lichtquellen. Ebenfalls können Insekten dadurch leicht zu Beutetieren (z.B. für Spinnen) werden, die sich an Lichtquellen deshalb vermehrt ansiedeln. In einer sonst dunklen Nachbarschaft lockt eine künstliche Lichtquelle daher viele Insekten aus ihrem natürlichen Habitat heraus. Die unmittelbaren Folgen – der Tod von Insekten – ziehen auch sekundäre Effekte nach sich. So führt das Herauslocken der Insekten aus ihren ursprünglichen Habitaten und die damit verbundene reduzierte Reproduktionsrate dazu, dass eine Artenverarmung in der näheren Nachbarschaft von künstlicher Nachtbeleuchtung die Folge sein kann.

Das Landesnaturschutzgesetz von Baden-Württemberg [3] fordert daher im § 21 „*Eingriffe in die Insektenfauna durch künstliche Beleuchtung im Außenbereich*“ zu vermeiden. „*Beim Aufstellen von Beleuchtungsanlagen im Außenbereich müssen die Auswirkungen auf die Insektenfauna, insbesondere deren Beeinträchtigung und Schädigung, überprüft und die Ziele des Artenschutzes berücksichtigt werden.“ So sind Leuchten, „die sich in Naturschutzgebieten […] und gesetzlich geschützten Biotopen befinden oder in diese hineinstrahlen, soweit sie nicht aus Gründen der Verkehrssicherheit erforderlich sind, nur in Ausnahmefällen von der zuständigen Naturschutzbehörde oder mit deren Einvernehmen zu genehmigen.“*

In den Hinweisen zur Messung, Beurteilung und Minderung von Lichtimmissionen [4] werden zum Schutz von Insekten konkretere Maßnahmen genannt:

1) Vermeidung heller, weitreichender künstlicher Lichtquellen in der freien Landschaft
   Eine größere Lichtpunktzahl geringer Höhe und Leistung ist gegenüber wenigen Lichtpunkten großer Höhe und Leistung vorzuziehen. Dies ist für eine Flutlichtbeleuchtung leider nur schwer umsetzbar.
2) Lichtlenkung ausschließlich in die Bereiche, die künstlich beleuchtet werden müssen
   Des Weiteren sollte eine Abstrahlung des Lichts nach oben, was zu einer maßgeblichen Vergrößerung des Anlockradius von Insekten führt, vermieden werden. Die Abstrahlung ist möglichst auf einen Winkel kleiner als 70° zur Vertikalen zu beschränken. Hierzu sollten die Lampen in Form eines geeigneten Gehäuses oben abgeschirmt werden, sodass lediglich eine Abstrahlung nach unten erfolgen kann.
3) Wahl von Lichtquellen mit für Insekten wirkungsarmen Spektrum

Zum Schutz der Insektenwelt empfiehlt sich die Wahl von Lampen, die einen geringen/keinen UV-Anteil emittieren. Lampen mit geringer kurzwelligen Lichtemission sind beispielsweise Natriumdampf-Hochdrucklampen und bestimmte LED-Lampen, deren Emissionsspektrum im kurzwelligen Lichtbereich angepasst wurde.

4) Verwendung von vollständig geschlossenen staubdichten Leuchten
   Ferner sind die Gehäuse der Lampen dicht zu gestalten, so dass Insekten nicht in das Innere der Lampe gelangen können.
5) Begrenzung der Betriebsdauer auf die notwendige Zeit
   Für Beleuchtungsanlagen, die die ganze Nacht betrieben werden müssen, ist zu prüfen, ob für die späteren Nachtstunden eine Reduzierung des Beleuchtungs-Niveaus möglich ist. Dieses kann auch durch Bewegungsmeldersysteme erzielt werden. Ein schnelles Abschalten der Beleuchtungsanlage nach Spielen und Trainingseinheiten ist zu empfehlen.

Vögel

Es wird vermutet, dass sich Vögel aus einem Zusammenspiel von Erkennen des Magnetfelds, dem Polarisationsmuster des Himmellichts und der Anordnung der Sterne im Nachtzeitraum orientieren können. Welchen Anteil die einzelnen Komponenten an der Orientierung haben, ist nicht abschließend geklärt. Bei bewölktem Himmel wird die Flughöhe der Vögel meist unter den Wolkenteppich verlagert und somit entstehen ggf. Blickbeziehungen zu leuchtenden Bodenobjekten. Hierbei kann künstliches Licht zu Desorientierung der Vögel führen. Auch führen erhöhte dauerhafte Lichteinträge in den Habitaten von Vögeln im Nachtzeitraum zu Veränderungen in deren Schlaf- und Brutverhalten.

Es wird daher zum Schutz der Vogelwelt die für Insekten genannten Maßnahmen 1, 2 und 5 als geeignet angesehen. Darüber hinaus werden gemäß [4] noch folgende Maßnahmen genannt:

1) Vermeidung der Beleuchtung in nächster Nähe von Schlaf- und Brutplätzen der Tiere.
2) Schwache Beleuchtung von Strukturen (z. B. an Leucht- oder Funktürmen), damit diese zur Vermeidung von Kollisionen für Vögel sichtbar werden.
3) Vermeidung der Beleuchtung von Hochhäusern sowie von Gebäuden mit Glasfronten
4) Abschaltung von Skybeamern zu Zeiten des Vogelzuges (15. Februar bis 31. Mai und 1. August bis 30. November)

Fledermäuse

Nachtaktive Fledermausarten können durch künstliche Belichtung im Nachtzeitraum teilweise stark betroffen sein. Von Art zu Art ist das Verhalten gegenüber künstlicher Belichtung jedoch unterschiedlich. Einige Arten meiden das Licht und werden daher bei neuaufkommenden Lichtquellen unter Umständen aus deren Habitat vertrieben. Andere Arten haben ihre Jagdgewohnheiten an das hohe Nahrungsangebot an den künstlichen Lichtquellen (um die Lampen schwirrende Insekten) angepasst. Daher finden sich diese Arten vermehrt an künstlichen Lichtquellen, da sich das Jagdgebiet in beleuchtete Bereiche verschoben hat.

Es wird empfohlen, durch Orientierung der Lampen und der Lampenwahl die Lichteinflüsse auf die umliegenden Bereiche minimal zu halten und somit die natürliche Verhaltensweise von Fledermäusen

minimal zu beeinflussen. Konkrete Maßnahmen für Fledermäuse sind in der Licht-Richtlinie nicht genannt.

4.2.3 für Pflanzen

Auch wenn der Einfluss von künstlicher Beleuchtung auf Mensch und Tier deutlich überwiegt, so hat sie dennoch auch negativen Einfluss auf die Flora. Durch nächtliches Kunstlicht kann beispielsweise das Wachstumsverhalten und der Wachstumszyklus der Vegetation beeinflusst werden. So ist es möglich, dass Pflanzen im Herbst beispielsweise ihre Blätter später abwerfen und somit anfälliger für Frostschäden werden.

5. Lichtemissionen

5.1 Lichttechnische Anforderungen an die Beleuchtung der Sportplätze im Sportband

Anforderungen an die Beleuchtungsgüte von Sportstätten sind in der DIN EN 12193 [5] enthalten. Darin wird zwischen drei Beleuchtungsklassen unterschieden:

Tabelle 1: Beleuchtungsklassen nach DIN EN 12193 [5]

Wettbewerbsniveau	Beleuchtungsklasse		
	I	II	III
International / National	X		
Regional	X	X	
Lokal	X	X	X
Training		X	X
Freizeit / Schulsport (Sportunterricht)			X

Weiterhin gibt die DIN EN 12193 [5] die folgenden klassenspezifischen horizontalen Beleuchtungsstärken für Außenanlagen von typischen Sportarten (z.B. Fußball, Basketball, Handball, Volleyball etc.) an (vgl. Tabelle A.21 der DIN EN 12193):

- Klasse I: $E_{hor\ Ave}$ = 500 lx
- Klasse II: $E_{hor\ Ave}$ = 200 lx
- Klasse III: $E_{hor\ Ave}$ = 75 lx

Für die Sportflächen des Sportbandes liegen abhängig von deren Nutzung folgende lichttechnische Anforderungen zugrunde.

Planung: Kampfbahn C und Großspielfeld

Die Kampfbahn C und das geplante Großspielfeld dienen sowohl dem Trainings- als auch dem Spielbetrieb. Hieraus ergeben sich folgende erforderliche horizontale Beleuchtungsstärken:

- Spielbetrieb: 200 lx [5] (100 – 200 lx gemäß Forderung des Sportreferats [8])
- Trainingsbetrieb 75 lx [5] (75 – 100 lx gemäß Forderung des Sportreferats [8])

Bestand: Fußballfeld und Minisoccerfeld

Das Fußballfeld dient sowohl dem Trainings- als auch dem Spielbetrieb. Dies wurde auch dem bestehenden und geplanten Minisoccerfeld unterstellt. Hieraus ergeben sich folgende erforderliche horizontale Beleuchtungsstärken:

- Spielbetrieb: 200 lx [5] (135 lx gemäß Forderung des Sportreferats [8])
- Trainingsbetrieb 75 lx [5] (85 lx gemäß Forderung des Sportreferats [8])

In der vorliegenden Untersuchung wurde daher in Form von zwei Varianten die lichttechnische Situation in der Nachbarschaft der geplanten Sportflächen untersucht:

- Variante 1: Beleuchtung der Sportflächen ausgehend von einem Trainingsbetrieb mit einer mittleren Beleuchtungsstärke auf den jeweiligen Plätzen von mindestens 100 lx
- Variante 2: Beleuchtung der Sportflächen ausgehend von einem Spielbetrieb mit einer mittleren Beleuchtungsstärke von mindestens 200 lx

In der vorliegenden Untersuchung wurde keine lichttechnische Planung für die einzelnen Sportflächen durchgeführt. Daher standen lichttechnische Belange wie die gleichmäßige Ausleuchtung der Sportflächen (Gleichmäßigkeit U_O) oder die Blendungsbegrenzung auf den Sportflächen (Glare Rating GR) nicht im Fokus der vorliegenden Untersuchung. Es wurde jedoch - soweit dies möglich war – versucht, eine gleichmäßige Ausleuchtung der Sportflächen und eine geringe Blendung auf den Sportflächen zu erreichen.

5.2 Leuchtenwahl

5.2.1 Variante 1: Trainingsbetrieb

Bestehende Sportflächen

Bestehender Sportplatz

Für den bestehenden Fußballplatz im Geltungsbereich des Bebauungsplans Bauabschnitt 4 liegt eine bestehende Beleuchtung vor. Die bestehende Beleuchtung soll in naher Zukunft umgerüstet werden. In der vorliegenden Untersuchung wird daher nicht die bestehende Beleuchtung, sondern die geplante Beleuchtung angesetzt. Lage, Anzahl und Anbringungshöhe der Leuchten sowie Leuchtmittel liegt vor ([8], [26]). Für den Sportplatz liegt eine konventionelle 8-Strahler/6-Mast-Konfiguration mit angepassten Neigungswinkeln der Strahler zur Verbesserung der Ausleuchtungsqualität des Spielfelds vor. Als Leuchtmittel sind LED-Leuchten der Firma Lumosa vom Typ CS860 Pro vorgesehen. Die lichttechnische Planung wurde durch die Firma Lumosa [13] vorgenommen und dient als Grundlage für die Immissionsberechnung. Es liegt eine mittlere Beleuchtungsstärke von ca. 114 lx auf der Fläche vor.

Minisoccerplatz

Für den bestehenden Minisoccerplatz im Geltungsbereich des Bebauungsplans Bauabschnitt 4 liegt eine bestehende Beleuchtung vor. Der bestehende Minisoccerplatz wird über 4 LED-Flächenstrahler mit einem Lichtstrom von 12.160 lm [11], die in den Eckbereichen des Platzes positioniert sind, beleuchtet. Im lichttechnischen Modell wurden Leuchten mit einem Lichtstrom von 22.500 lm des Typs KFLD80-150Q666-A250 der Firma Kosnic verwendet. Es wurden Leuchten mit einem höheren Lichtstrom verwendet, um eine Ausleuchtung des Minisoccerplatzes von 100 lx, die für einen Trainingsbetrieb erforderlich sind, zu gewährleisten. Es wurde eine Masthöhe von 6 m angesetzt. Für den westlich gelegenen Basketballplatz, der in naher Zukunft zu einem Minisoccerplatz umgebaut werden soll,

werden die gleichen lichttechnischen Randbedingungen wie für den bestehenden Minisoccerplatz angesetzt. Die Minisoccerplätze weisen eine mittlere Beleuchutngsstärke von 105 lx auf.

Geplante Sportplätze

Für die geplanten Sportplätze (Kampfbahn C und Großspielfeld) liegt keine konkrete Lichtplanung vor. Durch das Sportreferat [8] sind lediglich die Anzahl der Masten, sowie deren lichttechnische Bestückung als auch die Anbringungshöhen der Leuchten genannt. So sind für die Kampfbahn C insgesamt 8 Masten und das Großspielfeld 6 Masten von jeweils 16 m Höhe geplant, die jeweils mit 8 Leuchten bestückt werden sollen. Konkrete Leuchten sind nicht bekannt. Es wurden vor diesem Hintergrund für die beiden geplanten Sportplätze die gleichen Leuchten (Typ CS860 Pro der Firma Lumosa) und analoge Anbringung wie bei dem lichttechnisch umgerüsteten bestehenden Fußballplatz zum Ansatz gebracht.

Auf dem geplanten Großspielfeld ergibt sich hierdurch eine mittlere Beleuchtungsstärke von 132 lx und auf der geplanten Kampfbahn C eine mittlere Beleuchtungsstärke von 106 lx.

5.2.2 Variante 2: Spielbetrieb

Für den Spielbetrieb muss eine mittlere Beleuchtungsstärke von 200 lx auf der jeweiligen Sportfläche vorliegen. Hierzu muss eine Anpassung der Leuchten erfolgen, um die erhöhten lichttechnischen Anforderungen bewerkstelligen an die Sportflächen zu können.

Es wurde für den bestehenden Sportplatz, die geplante Kampfbahn C und das geplante Großspielfeld an den Leuchten [13] aus Variante 1 festgehalten. Es wurde jedoch an jedem Masten die doppelte Anzahl von Leuchten angesetzt, um den Lichtstrom auf die Sportflächen zu erhöhen. Hierdurch ergebene sich folgende mittlere Beleuchtungsstärken auf den Sportflächen:

- Bestehender Sportplatz: 228 lx
- Geplantes Großspielfeld: 264 lx
- Kampfbahn C: 213 lx

Es kann durch die Verdopplung der Leuchten an jedem Masten eine ausreichende, für einen Spielbetrieb erforderliche, mittlere Beleuchtungsstärke von 200 lx auf den Sportflächen geschaffen werden. Im Zuge der Planung muss die Lichtkonzeption detaillierter ausgelegt werden, dass auch die Anforderungen an die Gleichmäßigkeit, etc. gegeben sind. Vorliegende Untersuchung stellt nicht den Anspruch der Erstellung einer fachlichen Lichtplanung. Auch ist im Zuge der Planung die Auslegung der lichttechnischen Anlage so zu konzipieren, dass eine ausreichende Beleuchtung gegeben ist, aber zum Schutz der Nachbarschaft und einem verantwortungsvollen Energieumgang nicht unnötig darüber liegt.

Minisoccerplatz

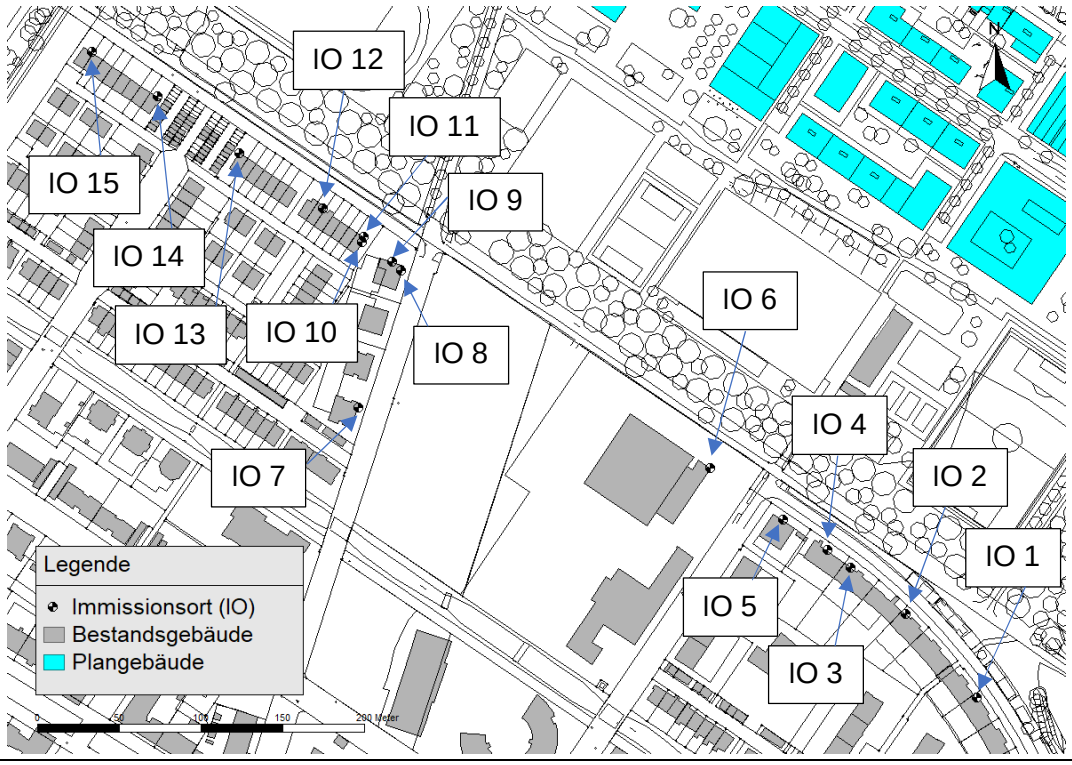
Für die – in naher Zukunft – beiden Minisoccerplätze wurden Leuchten mit einem Lichtstrom von 30.000 lm des Typs KFLD200-240Q666-F50 der Firma Kosnic verwendet. Hierdurch kann eine mittlere Beleuchtungsstärke von 219 lx auf den Minisoccerplätzen erzielt werden.

Die Lage der Flutlichtstrahler sowie deren Ausrichtung kann dem Lageplan in Anlage 1 entnommen werden, die Kenndaten der angesetzten Leuchten sind in Anlage 2 dokumentiert. Die flächenhafte Darstellung der Beleuchtungsstärken auf den einzelnen Sportflächen kann der Anlage 3 entnommen werden.

6. Lichtimmissionen und Beurteilung

6.1 Immissionsorte in der bewohnten Nachbarschaft

Als Immissionsorte wurden die nächstgelegenen schutzbedürftigen Bestands- bzw. Plangebäude in der unmittelbaren Nachbarschaft (Dietenbach und Rieselfeld) gewählt. Hier wurde für jeden der untersuchten Immissionsorte abhängig von der vorliegenden Nutzung/Widmung gemäß dem jeweiligen Bebauungsplan die jeweils höchste Schutzbedürftigkeit angesetzt. Gemäß dem Leitfaden „Lichteinwirkungen in der Nachbarschaft“ [34] handelt es sich bei Wohnräumen, Schlafräumen (einschließlich Übernachtungsräume in Beherbergungsstätten), Unterrichtsräumen, Arbeitsräumen, Büroräumen, Praxisräumen, etc. um schutzbedürftige Räume, die es in der näheren Nachbarschaft zu untersuchen gilt. Dabei wurde bei Wohnnutzung (inkl. Schlafräumen) eine Schutzbedürftigkeit im Nachtzeitraum (22:00 – 06:00) angesetzt. Für umliegende Büro- oder Schulnutzung, etc. wurde lediglich eine Schutzbedürftigkeit für den Tagzeitraum (06:00 – 20:00) unterstellt. Nachfolgend sind die untersuchten Immissionsorte für den Stadtteil Rieselfeld und Dietenbach dargestellt. Die Lage der Immissionsorte kann auch der Anlage 1 entnommen werden.



Immissionsorte im Stadtteil Rieselfeld

Immissionsorte im Stadtteil Dietenbach

Abbildung 6: Immissionsorte in der Nachbarschaft

In der nachfolgenden Tabelle sind die oben dargestellten Immissionsorte im Stadtteil Rieselfeld (IO 1 bis IO 15) mit Adresse, Flurnummer und Nutzung dargestellt. Für die Immissionsorte im Stadtteil Dietenbach (IO 16 bis IO 23) konnten keine konkreten Adressen ermittelt werden, weshalb lediglich die Nutzung dargestellt wird.

Tabelle 2:	Immissionsorte in der Nachbarschaft	
Immissionsort	Adresse und Flurnummer	Gebietswidmung/Nutzung
IO 1	Jean-Monnet-Str. 25 (Fl. Nr. 30601/17)	Allgemeines Wohnen [21]
IO 2	Jean-Monnet-Str. 31 (Fl. Nr. 30601/14)	Allgemeines Wohnen [21]
IO 3	Jean-Monnet-Str. 35 (Fl. Nr. 30601/12)	Allgemeines Wohnen [21]
IO 4	Jean-Monnet-Str. 37 (Fl. Nr. 30601/11)	Allgemeines Wohnen [21]
IO 5	Jean-Monnet-Str. 39 (Fl. Nr. 30601/10)	Mischgebiet [21]
IO 6	Johanna-Kohlund-Str. 5 (Fl. Nr. 30608)	Gemeinbedarfsfläche [22]
IO 7	Carl-von-Ossietzky-Str. 5 (Fl. Nr. 30627/2)	Allgemeines Wohnen [23], [24]
IO 8	Carl-von-Ossietzky-Str. 11 Ostfassade (Fl. Nr. 30627)	Allgemeines Wohnen [23], [24]
IO 9	Carl-von-Ossietzky-Str. 11 Nordfassade (Fl. Nr. 30627)	Allgemeines Wohnen [23], [24]
IO 10	Schwarzkehlchenweg 2 Ostfassade (Fl. Nr. 30670/17)	Allgemeines Wohnen [23], [24]
IO 11	Schwarzkehlchenweg 2 Nordfassade (Fl. Nr. 30670/17)	Allgemeines Wohnen [23], [24]
IO 12	Schwarzkehlchenweg 12 (Fl. Nr. 30670/12)	Allgemeines Wohnen [23], [24]
IO 13	Schwarzkehlchenweg 28 (Fl. Nr. 30670/4)	Allgemeines Wohnen [23], [24]
IO 14	Schwarzkehlchenweg 30 (Fl. Nr. 30669/7)	Allgemeines Wohnen [23], [24]
IO 15	Schwarzkehlchenweg 44 (Fl. Nr. 30669)	Allgemeines Wohnen [23], [24]
IO 16	Keine Adresse bekannt	Wohnen [30], [31]
IO 17	Keine Adresse bekannt	Grundschule [30], [31]
IO 18	Keine Adresse bekannt	Verfügungsbau [30], [31]
IO 19	Keine Adresse bekannt	Gemeinschaftsschule [30], [31]
IO 20	Keine Adresse bekannt	Studentenwohnen [30], [31]
IO 21	Keine Adresse bekannt	Studentenwohnung [30], [31]
IO 22	Keine Adresse bekannt	Büro/Forschung [30], [31]
IO 23	Keine Adresse bekannt	Hotel [30], [31]

Aus den Darstellungen in Abbildung 5 sowie der Tabelle 2 geht hervor, dass an den Immissionsorten in der umliegenden Nachbarschaft Wohnen, Schulische Flächen, Büronutzung und eine Hotelnutzung vorliegen. Für das studentische Wohnen und die Hotelnutzung wurde Wohnen angesetzt. Es wurde für alle Immissionsorte bis auf die Immissionsorte IO 17, IO 18, IO 19 und IO 21 eine abendliche

und nächtliche Schutzbedürftigkeit angenommen. Für die Büro- als auch die schulische Nutzung (IO 17, IO 18, IO 19 und IO 21) wurde eine Schutzbedürftigkeit angenommen, die sich auf den Tagzeitraum (06:00 – 20:00) beschränkt. Für das Büro wurde angenommen, dass es sich hierbei um eine Mischgebietswidmung handelt. Für die Schulnutzungen wurde ein Schutzanspruch angesetzt, der Wohnen entspricht. Die Immissionsorte wurden jeweils für das Erdgeschoss, wo generell die Blendungseinflüsse aufgrund der in den unteren Halbraum strahlenden Leuchten maximal ist, und für das oberste Stockwerk, da hier im Normalfall die Raumaufhellung (alles Leuchten kumulativ) maximal ist. Für den Immissionsort IO 1 wurde zum besseren Verständnis für jedes Stockwerk die Raumaufhellung wie auch die Blendung k_S berechnet, um die Veränderung der Raumaufhellung und des Blendeinflusses über die verschiedenen Stockwerke aufzeigen zu können.

6.2 Lichtimmissionen in der Nachbarschaft

Zur Ermittlung der lichttechnischen Auswirkungen auf die Nachbarschaft wurden Einzelpunktberechnungen an den maßgeblichen Immissionsorten mit der Software Relux [33] durchgeführt. Die Lage der Immissionsorte ist in dem Übersichtslageplan in der Abbildung 5 sowie in Anlage 1 enthalten. Die Schutzbedürftigkeit (Gebietsart) der Immissionsorte ergibt sich aus den zugrundeliegenden Bebauungsplänen (bestehende Bebauung im Ortsteil Rieselfeld) beziehungsweise der im Rahmenplan dargestellten zukünftigen Nutzungen (Stadtteil Dietenbach).

6.2.1 Variante 1: Trainingsbetrieb

Nachfolgend sind die Raumaufhellung E_F und die Blendung k_S für die Immissionsorte IO 1 bis IO 23 für die Variante 1 dargestellt. Bei der Blendung k_S wurde an jedem Immissionsort die Blendung ausgehend von jeder Leuchte ermittelt. In der nachfolgenden Tabelle ist jeweils nur die maßgebliche Blendung dargestellt. Die kompletten Blendungslisten sind der Anlage 4 zu entnehmen. In Klammern ist jeweils der Immissionsrichtwert für den Fall dargestellt, dass alle Beleuchtungsanlagen maximal bis 22:00 in Betrieb sind.

Tabelle 3: Zusammenfassende Ergebnisse der Einzelpunktberechnungen für die Variante 1

Immissisonsort	Stockwerk	Mittlere Beleuchtungsstärke E_F [lx]		Blendmaß k_S [/] durch maßgebliche Leuchte	
		Immissionsrichtwerte	Prognosewerte	**Immissionsrichtwerte**	Prognosewerte
IO 1	EG	1 (3)	0,16	32 (64)	**201**
	OG 1	1 (3)	0,19	32 (64)	**145**
	OG 2	1 (3)	0,22	32 (64)	**53**
	OG 3	1 (3)	0,25	32 (64)	28
	OG 4	1 (3)	0,28	32 (64)	15

Tabelle 3:	Zusammenfassende Ergebnisse der Einzelpunktberechnungen für die Variante 1				
Immissisonsort	Stockwerk	Mittlere Beleuchtungsstärke E_F [lx]		Blendmaß k_S [/] durch maßgebliche Leuchte	
		Immissionsrichtwerte	Prognosewerte	**Immissionsrichtwerte**	Prognosewerte
IO 2	EG	1 (3)	0,68	32 (64)	**475**
	OG 4	1 (3)	**1,02**	32 (64)	30
IO 3	EG	1 (3)	0,66	32 (64)	**297**
	OG 4	1 (3)	**1,18**	32 (64)	31
IO 4	EG	1 (3)	0,50	32 (64)	**145**
	OG 5	1 (3)	**1,12**	32 (64)	15
IO 5	EG	1 (3)	0,43	32 (64)	**45**
	OG 5	1 (3)	**1,05**	32 (64)	**56**
IO 6	OG 1	1 (3)	0,14	32 (64)	**45**
	OG 3	1 (3)	0,21	32 (64)	17
IO 7	EG	1 (3)	0,03	32 (64)	31
	OG 4	1 (3)	0,07	32 (64)	12
IO 8	EG	1 (3)	0,06	32 (64)	**137**
	OG 4	1 (3)	0,12	32 (64)	19
IO 9	EG	1 (3)	0,10	32 (64)	**136**
	OG 4	1 (3)	0,41	32 (64)	19
IO 10	EG	1 (3)	0,05	32 (64)	**114**
	OG 2	1 (3)	0,07	32 (64)	**33**
IO 11	EG	1 (3)	0,19	32 (64)	**114**
	OG 2	1 (3)	0,40	32 (64)	32
IO 12	EG	1 (3)	0,19	32 (64)	**95**
	OG 2	1 (3)	0,60	32 (64)	**49**
IO 13	EG	1 (3)	0,41	32 (64)	**79**
	OG 2	1 (3)	0,93	32 (64)	**39**
IO 14	EG	1 (3)	0,33	32 (64)	**92**
	OG 2	1 (3)	0,82	32 (64)	21
IO 15	EG	1 (3)	0,20	32 (64)	**201**
	OG 2	1 (3)	0,49	32 (64)	**34**
IO 16	EG	1 (3)	0,04	32 (64)	**77**
	OG 4	1 (3)	0,17	32 (64)	28
IO 17	EG	3	0,16	96	46
	OG 2	3	0,55	96	18
IO 18	EG	3	0,68	96	**1220**
	OG 2	3	1,56	96	87
IO 19	EG	3	0,27	96	**151**
	OG 3	3	0,74	96	**200**
IO 20	EG	1 (3)	0,95	32 (64)	**330**
	OG 4	1 (3)	**1,71**	32 (64)	19

Tabelle 3:	Zusammenfassende Ergebnisse der Einzelpunktberechnungen für die Variante 1				
Immissisonsort	Stockwerk	Mittlere Beleuchtungsstärke E_F [lx]		Blendmaß k_S [/] durch maßgebliche Leuchte	
		Immissionsrichtwerte	Prognosewerte	**Immissionsrichtwerte**	Prognosewerte
IO 21	EG	1 (3)	0,83	32 (64)	**244**
	OG 4	1 (3)	**1,92**	32 (64)	19
IO 22	EG	5	3,29	160	**2312**
	OG 4	5	2,67	160	98
IO 23	EG	1 (3)	0,31	32 (64)	**330**
	OG 11	1 (3)	0,84	32 (64)	10

Rot: Überschreitung der zulässigen Immissionsrichtwerte

Aus den Berechungsergebnissen geht hervor, dass sich in der umliegenden Nachbarschaft die lichttechnische Situation (Raumaufhellung und Blendung) deutlich verändert.

Blendung

Bis auf IO 7 und IO 17 werden im Erdgeschossbereich an jedem der untersuchten Immissionsorte der jeweils zulässige Blendungswert überschritten. Die Blendung nimmt nach oben hin im Regelfall ab, sodass in den oberen Stockwerken an 16 der 23 Immissionsorte der jeweilig zulässige Blendungsimmissionsrichtwert eingehalten werden kann. Die höchsten Blendungen treten am Immissionsort IO 22 auf und betragen im Erdgeschoss bis zu k_S = 2312. Den Berechnungsergebnislisten in der Anlage 4 kann entnommen, dass häufig die gleichen Leuchten an den verschiedenen Immissionsorten zu den maßgeblichen Blendungen führen. So geht von der Leuchte 58 beispielsweise an 6 der 23 Immissionsorte und von der Leuchte 98 an 4 der 23 Immissionsorte die maßgebliche Blendung aus. Maßnahmen zur Blendungsminderung sind vor allem auf die Leuchten, die maßgeblich zu Blendungen in der Nachbarschaft führen, anzuwenden.

Raumaufhellung

Die Raumaufhellung in der Nachbarschaft nimmt generell in den oberen Stockwerken zu. So liegen an 4 der 23 untersuchten Immissionsorten in den oberen Stockwerken zu hohe Raumaufhellungen vor. Die höchsten Raumaufhellungen mit gleichzeitiger Überschreitung der Immissionsrichtwerte treten am Immissionsort IO 21 mit bis zu E_F = 1,92 lx auf.

6.2.2 Variante 2: Spielbetrieb

Nachfolgend sind die Raumaufhellung E_F und die Blendung k_S für die Immissionsorte IO 1 bis IO 23 für die Variante 2 dargestellt. Bei der Blendung k_S wurde an jedem Immissionsort die Blendung ausgehend von jeder Leuchte ermittelt. In der nachfolgenden Tabelle ist jeweils nur die maßgebliche Blendung dargestellt. Die kompletten Blendungslisten sind der Anlage 5 zu entnehmen. In Klammern ist jeweils der Immissionsrichtwert für den Fall dargestellt, dass alle Beleuchtungsanlagen maximal bis 22:00 in Betrieb sind.

Tabelle 4:	Zusammenfassende Ergebnisse der Einzelpunktberechnungen für die Variante 2				
Immissisonsort	Stockwerk	Mittlere Beleuchtungsstärke E_F [lx]		Blendmaß k_S [/] durch maßgebliche Leuchte	
		Immissionsrichtwerte	Prognosewerte	**Immissionsrichtwerte**	Prognosewerte
IO 1	EG	1 (3)	0,32	32 (64)	**202**
	OG 1	1 (3)	0,39	32 (64)	**147**
	OG 2	1 (3)	0,44	32 (64)	**54**
	OG 3	1 (3)	0,51	32 (64)	**37**
	OG 4	1 (3)	0,57	32 (64)	**44**
IO 2	EG	1 (3)	**1,38**	32 (64)	**475**
	OG 4	1 (3)	**2,04**	32 (64)	**39**
IO 3	EG	1 (3)	**1,33**	32 (64)	**426**
	OG 4	1 (3)	**2,36**	32 (64)	**40**
IO 4	EG	1 (3)	**1,01**	32 (64)	**145**
	OG 5	1 (3)	**2,23**	32 (64)	**35**
IO 5	EG	1 (3)	0,85	32 (64)	**46**
	OG 5	1 (3)	**2,08**	32 (64)	**56**
IO 6	OG 1	1 (3)	0,28	32 (64)	**57**
	OG 3	1 (3)	0,41	32 (64)	**41**
IO 7	EG	1 (3)	0,06	32 (64)	**43**
	OG 4	1 (3)	0,14	32 (64)	30
IO 8	EG	1 (3)	0,12	32 (64)	**137**
	OG 4	1 (3)	0,25	32 (64)	21
IO 9	EG	1 (3)	0,20	32 (64)	**136**
	OG 4	1 (3)	0,82	32 (64)	20
IO 10	EG	1 (3)	0,10	32 (64)	**114**
	OG 2	1 (3)	0,14	32 (64)	**33**
IO 11	EG	1 (3)	0,39	32 (64)	**114**
	OG 2	1 (3)	0,79	32 (64)	32
IO 12	EG	1 (3)	0,38	32 (64)	**95**
	OG 2	1 (3)	**1,21**	32 (64)	**56**
IO 13	EG	1 (3)	0,82	32 (64)	**81**
	OG 2	1 (3)	**1,87**	32 (64)	**43**
IO 14	EG	1 (3)	0,67	32 (64)	**133**
	OG 2	1 (3)	**1,64**	32 (64)	21
IO 15	EG	1 (3)	0,40	32 (64)	**201**
	OG 2	1 (3)	0,98	32 (64)	**34**
IO 16	EG	1 (3)	0,07	32 (64)	**77**
	OG 4	1 (3)	0,35	32 (64)	28
IO 17	EG	3	0,32	96	56
	OG 2	3	1,11	96	18
IO 18	EG	3	1,37	96	**1220**

Tabelle 4:	Zusammenfassende Ergebnisse der Einzelpunktberechnungen für die Variante 2				
Immissisonsort	Stockwerk	Mittlere Beleuchtungsstärke E_F [lx]		Blendmaß k_S [/] durch maßgebliche Leuchte	
		Immissionsrichtwerte	Prognosewerte	**Immissionsrichtwerte**	Prognosewerte
	OG 2	3	**3,12**	96	90
IO 19	EG	3	0,55	96	**151**
	OG 3	3	1,49	96	**200**
IO 20	EG	1 (3)	**1,89**	32 (64)	**340**
	OG 4	1 (3)	**3,43**	32 (64)	32
IO 21	EG	1 (3)	**1,68**	32 (64)	**254**
	OG 4	1 (3)	**3,76**	32 (64)	**82**
IO 22	EG	5	**6,44**	160	**2394**
	OG 4	5	**5,06**	160	98
IO 23	EG	1 (3)	0,61	32 (64)	**331**
	OG 11	1 (3)	**1,67**	32 (64)	31

Rot: Überschreitung der zulässigen Immissionsrichtwerte

Aus den Berechnungsergebnissen geht hervor, dass durch einen Spielbetrieb die Raumaufhellung im Vergleich zum Trainingsbetrieb deutlich zunimmt. Im Bezug auf den Blendungseinfluss k_S in der Nachbarschaft zeigt es sich, dass die maximalen Blendungen im Vergleich zum Trainingsbetrieb nur marginal zunehmen.

Blendung

Bis auf IO 17 wird im Erdgeschossbereich an jedem der untersuchten Immissionsorte der zulässige Blendungswert überschritten. Die Blendung nimmt nach oben hin im Regelfall ab, sodass in den oberen Stockwerken an 10 der 23 Immissionsorte der jeweilig zulässige Blendungsimmissionsrichtwert eingehalten werden kann. Die höchsten Blendungen treten am Immissionsort IO 22 auf und betragen im Erdgeschoss bis zu k_S = 2394 und liegen somit nur marginal über dem maximalen Blendungswert im Trainingsbetrieb.

Den Berechnungsergebnislisten in der Anlage 5 kann entnommen, dass häufig die gleichen Leuchten an den verschiedenen Immissionsorten zu den maßgeblichen Blendungen führen. Handelt es sich im Trainings- und dem Spielbetrieb um die gleiche Leuchte, von der die maßgebliche Blendung ausgeht, so sind auch die maximalen Blendungen identisch.

Raumaufhellung

Die Raumaufhellung in der Nachbarschaft nimmt gegenüber dem Trainingsbetrieb deutlich zu. An 12 der 23 untersuchten Immissionsorten treten Überschreitungen der zulässigen Raumaufhellungen auf. Die vertikale Beleuchtungsstärke (Raumaufhellung) nimmt im Regelfall mit steigender Stockwerkszahl zu, sodass an 6 der 12 betroffenen Immissionsorten erst in höheren Stockwerken eine Überschreitung der zulässigen Raumaufhellung vorliegt. Die höchsten vertikalen Beleuchtungsstärken liegen am Immissionsort IO 22 vor und betragen bis zu 6,44 lx.

6.2.3 Beurteilung der Lichtimmissionen in der bewohnten Nachbarschaft

Aus den Berechnungsergebnissen in den Kapiteln 5.2.1 und 5.2.2 geht hervor, dass die geplanten Sportplatzbeleuchtungen mit deutlichen lichttechnischen Einflüssen in der näheren bewohnten Nachbarschaft einhergehen. Der lichttechnische Einfluss in der bestehenden Nachbarschaft im Stadtteil Rieselfeld und dem geplanten Stadtteil Dietenbach hat diverse Ursachen:

- **Nähe zur Nachbarschaft:** Geringer Abstand der beleuchteten Sportflächen zu schutzbedürftigen Nutzungen in der Nachbarschaft: Der geringe Abstand des Sportbandes zu der umliegenden Nachbarschaft führt dazu, dass gerade im Bezug auf Blendungen maßgebliche Einflüsse in der Nachbarschaft auftreten. So liegt das geplante Großspielfeld beispielsweise am nördlichen Rand weniger als 20 m vom geplanten nördlichen Bürogebäude entfernt.
- **Höhe der Leuchten:** Die Leuchten der geplanten Sportanlagen (bestehender Sportplatz, Kampfbahn C und Großspielfeld) sind auf einer Höhe von ca. 16 m angebracht, weshalb das in den unteren Halbraum geworfene Licht der Leuchten zu Blendungen an - im Vergleich zur Leuchtenhöhe - niedriger gelegenen Immissionsorten führt.
- **Hohe Leuchtdichte:** Durch die 4 Sportflächen, die im geplanten Sportband künstlich beleuchtet werden, liegen die zu beleuchtenden Flächen dicht zusammen. Dies führt dazu, dass durch die vielen Leuchten (mehr als 200 Leuchten im Trainingsfall) ein hohes mittleres Beleuchtungsniveau (Raumaufhellung) im Sportband und der umliegenden Nachbarschaft geschaffen wird.
- **Betriebszeiten im Abend (20:00 – 22:00) und Nachtzeitraum (22:00 – 06:00):** In der vorliegenden Untersuchung wurde vorerst davon ausgegangen, dass eine Nutzung im Abendzeitraum und in den Nachtzeitraum hinein durchaus möglich ist. Im Abend- und Nachtzeitraum liegen in der umliegenden bewohnten Nachbarschaft die höchsten Schutzbedürftigkeiten und damit einhergehend die niedrigsten Immissionsgrenzwerte für Raumaufhellung und Blendung k_s vor.

Die Kombination aus vielen, hoch montierten Flutlichtern in unmittelbarer Nähe zu schutzbedürftiger Nachbarschaft und einer hohen Schutzbedürftigkeit der Nachbarschaft im Nachtzeitraum macht die Durchführung von Maßnahmen zur Entschärfung der lichttechnischen Beeinträchtigungen in der Nachbarschaft erforderlich.

6.2.4 Maßnahmen in der Nachbarschaft

Folgende Maßnahmen bieten sich an, um die lichttechnischen Einflüsse des Sportbandes auf die Nachbarschaft zu reduzieren:

Betriebszeiten und Sportplatzbelegung:

Die Einflüsse der lichttechnischen Anlagen auf die Nachbarschaft können durch diverse organisatorische Maßnahmen deutlich reduziert werden.

- **Betriebszeiten:** Gerade der Betrieb der Beleuchtungsanlagen im Nachtzeitraum, der von 22:00 bis 06:00 reicht, führt zu teilweise maßgeblichen lichttechnischen Einflüssen in der Nachbarschaft. Hier bietet es sich an, eine Nutzung der Sportflächen und damit einhergehend einen Betrieb der lichttechnischen Anlagen auf den Tagzeitraum oder ggf. noch Abendzeitraum zu beschränken, sodass die lichttechnischen Anlagen ab 22:00 am Abend nicht mehr im Betrieb sind. Somit werden zwar die Lichtimmissionen in der Nachbarschaft nicht reduziert, jedoch reduziert sich aufgrund der höheren Umgebungsleuchtdichte (L_U) zu helleren Tageszeiten in der Nachbarschaft der störende Effekt der künstlichen Beleuchtung.
- **Sportplatzbelegung:** Es wurde in der vorliegenden Untersuchung ein worst-case-Szenario angesetzt, welches eine zeitgleiche Nutzung aller 4 beleuchteten Sportflächen vorsieht. Die vorliegende Maßnahme zielt darauf ab, nicht alle Beleuchtungsanlagen zeitgleich laufen zu lassen und somit das Helligkeitsniveau in der Nachbarschaft zu reduzieren. In Bezug auf die Blendungseinflüsse k_S ist diese Maßnahme nicht sonderlich wirksam, da die Blendung jeweils lediglich von einer Leuchte ausgeht und eine kumulative Blendungsbetroffenheit von allen Leuchten zusammengenommen nicht Gegenstand der Untersuchung ist. Ist die Sportplatzbeleuchtung mit der maßgeblich blendenden Leuchte im Betrieb, so reduziert sich die maßgebliche Blendung auch dann nicht, wenn alle anderen Sportplatzbeleuchtungen zu diesem Zeitpunkt außer Betrieb sind. In Bezug auf die Raumaufhellung, wo der kumulative Einfluss aller Leuchten zum Tragen kommt, empfiehlt es sich jedoch, nicht alle Sportanlagen zeitgleich im Abend- oder Nachtzeitraum zu betreiben. So kann beispielsweise am maßgeblich betroffenen Immissionsort IO 22 im Trainingsbetrieb die Raumaufhellung von 3,29 lx auf 2,93 lx reduziert werden, wenn lediglich das geplante Großspielfeld zu diesem Zeitpunkt im Betrieb ist. Der Einfluss der nächstliegenden beleuchteten Sportfläche zur Nachbarschaft ist im Vergleich zu den weiter entfernten Sportbeleuchtungsanlagen hoch und nimmt daher für die nächstgelegene Nachbarschaft eine dominante Rolle ein. Für weiter entfernte Immissionsorte liegt jedoch eine maßgebliche Reduzierung der Raumaufhellung vor. So liegt die Raumaufhellung am Immissionsort IO 22 bei einem alleinigen Betrieb der Beleuchtungsanlage des bestehenden Sportplatzes im Trainingsbetrieb nur noch bei 0,65 lx und bei alleinigen Betrieb der Kampfbahn C im Trainingsbetrieb bei 0 lx. In Form eines Flächenbelegungsplans sollte eine zeitlich versetzte Nutzung der einzelnen Flächen angestrebt werden. In den Anlagen 6 bis 11 sind die Blendungseinflüsse k_S und die Raumaufhellungen (lx) an den Immissionsorten in der Nachbarschaft dargestellt, die sich einstellen, wenn sich nur die Kampfbahn C (im Trainingsbetrieb Anlage 6 und im Spielbetrieb Anlage 7), der Bestandsplatz inklusive Minisoccerplätzen (im Trainingsbetrieb Anlage 8 und im Spielbetrieb Anlage 9) oder das Großspielfeld (im Trainingsbetrieb Anlage 10 und im Spielbetrieb Anlage 11) in Betrieb befinden und damit verbunden künstlich beleuchtet werden. Die restlichen Sportplätze sind zu diesem Zeitpunkt unbeleuchtet.
- **Beleuchtung nach Training/Spiel direkt ausschalten:** Nach dem Spiel- oder Trainingsbetrieb sind die Leuchten sofort auszustellen. Um eine ggf. notwendige Orientierung auf dem

Gelände weiterhin zu gewährleisten, sollte auf eine weniger helle und tiefer angebrachte Wegbeleuchtung, die bestmöglich auch durch Bewegungsmelder gesteuert wird und somit nur läuft, wenn sie auch wirklich benötigt wird, zurückgegriffen werden. Hierbei empfiehlt es sich auch, die Bewegungsleuchten so zu konzipieren, dass die Leuchten bei Bewegung die Lichtintensität kontinuierlich hochfahren und danach wieder kontinuierlich herunterdimmen, sodass mögliche Stroboskopeffekte (schneller Wechsel von Helligkeit und Dunkelheit) vermieden werden.

Wahl und Anbringung der Leuchten

Einen entscheidenden Einfluss auf die lichttechnische Situation in der Nachbarschaft leisten die Wahl und Ausrichtung der verwendeten Leuchten.

- **Keine Überdimensionierung der Beleuchtung:** Im Zuge der Lichtplanung für die Sportplätze sollte darauf geachtet werden, dass die Leuchten zu keiner Überbeleuchtung der Flächen führen. Es sollte die erforderliche Beleuchtungsstärke auf der jeweiligen Sportfläche geschaffen werden, ohne darüber hinaus unnötig zu beleuchten und somit die Nachbarschaft unnötig zu beeinträchtigen. Hier ist es auch essentiell, dass im Falle eines Spiel- und Trainingsbetriebs auf den Flächen die Lichtanlage so zu steuern ist, dass für die entsprechende Nutzung die Beleuchtung präzise eingestellt werden kann und somit keine Überbeleuchtung im Trainingsbetrieb erfolgt.
- **Wahl des Leuchtmittels:** Generell empfehlen sich Leuchten, die geringe Blendungseinflüsse sowohl auf den Sportflächen selbst als auch in der Nachbarschaft erzeugen. Zudem sollte darauf geachtet werden, dass der Lichtstrom der Leuchte ausreichend ist aber nicht unnötig darüber liegt.
- **Anbringung der Leuchten:** Eine tiefere, nicht so exponierte Lage einer Leuchte reduziert deren lichttechnischen Einfluss in der Nachbarschaft. Neben niedrigen Anbringungshöhen ist die Lampenneigung und horizontale Orientierung von maßgeblicher Bedeutung. Eine Leuchte sollte so ausgerichtet und geneigt werden, dass sich der Lichtkegel auf den zu beleuchtenden Bereich beschränkt, ohne Bereiche, die nicht beleuchtet werden müssen, unnötig zu beleuchten. Ein Abstrahlen in den oberen Himmels-Halbraum ist zwingend zu vermeiden, da diese Strahlung ausschließlich lichtverschmutzenden Charakter hat und nicht zur Beleuchtung der jeweiligen Fläche beiträgt.
- **Anbringung von Blendschutz an den Leuchten:** Die Leuchten sind mit Blenden auszustatten, sodass ein Lichtaustrag in Bereiche, wo es nicht benötigt wird, weitestgehend vermieden wird. So sollte ein Abstrahlen der Leuchten nach hinten und auf die Seite des Spielfeldrandes minimiert werden.

Wie schon im Grundlagenteil erörtert, reagiert gerade die Blendungsberechnung sehr sensibel auf die Anbringung (Lage, Orientierung und Neigung) und Art der Leuchte (Blendschuten an den Leuchten), weshalb zur Blendungsvermeidung in der Nachbarschaft sowohl der Anbringung der Leuchten als auch der Konzipierung eines geeigneten Blendschutzes an den Leuchten ein großer Stellenwert

zuzuschreiben ist. Im vorliegenden Fall ist im Zuge der Lichtplanung als auch der späteren Bauausführung darauf zu achten, dass die Blendungseinflüsse durch eine geeignete Wahl und Ausrichtung der Leuchten und eines ausreichenden Blendschutzes an den Leuchten auf ein Mindestmaß reduziert werden. Dies sollte auch im Zuge einer Abnahmemessung validiert werden, die an den betroffenen Immissionsorten in der Nachbarschaft durchgeführt wird.

Anbringung von sichtunterbrechenden Objekten

Auch bietet es sich an, sichtunterbrechende Objekte zwischen der Sportplatzbeleuchtung und den Immissionsorten zu positionieren. Hierbei sind die Objekte so zu dimensionieren, dass eine Sichtverbindung zu den blendenden Leuchten nicht mehr gegeben ist. Im vorliegenden Fall ist diese Maßnahme jedoch aufgrund der Anbringungshöhe der Leuchten von 16 m üGOK lediglich für die unteren Geschosse in der Nachbarschaft zielführend, da für höhere Stockwerke das sichtunterbrechende Medium sehr hoch zu konzipieren wäre. Eine Sichtunterbrechung in Form von Vegetation weist zwar keinen ganzjährigen sicheren Schutz (z.B. Vegetation verliert Laub, Pflanzen sterben ab, Schnittmaßnahmen, Wildverbiss, Sturm- oder Dürreschäden, etc.) auf, aber einer dichten Heckenstruktur o.Ä. kann trotzdem ein hoher sichtunterbrechender Charakter attestiert werden. Bei sichtunterbrechenden Vegetationselementen ist jedoch in der Zukunft dafür Sorge zu tragen, dass diese ihren sichtunterbrechenden Charakter beibehalten. Auch bieten sich Kombinationen aus sichtunterbrechenden Vegetationselementen (Hecken, etc.) und einem dauerhaften Sichtschutzobjekten (Wände, Zäune, ö.Ä.) an.

6.3 Lichtimmissionen auf Fauna und Flora

Das geplante Sportband befindet sich östlich des Langmattenwäldchens. Südlich des Langmattenwäldchens und im westlichen Anschluss an den Stadtteil Rieselfeld befindet sich das 5069 ha große FFH-Gebiet 7912311 „Mooswälder bei Freiburg“ ([27] und [28]), welches neben Amphibien, Fischen, Krebstieren und Weichtieren Fledermausarten wie das Große Mausohr, die Wimpernfledermaus und die Bechsteinfledermaus und Insektenarten wie Libellen, Käfer und Schmetterlinge beheimatet. Südlich an das Sportband schließt ein schmaler Waldstreifen an, der eine optische Trennung zwischen dem Sportband und dem Stadtteil Rieselfeld erzeugen soll. Östlich des Sportbandes befinden sich zwischen dem Sportband und der Tel-Aviv-Yafo-Allee (vormals Besançonallee) weitere Baumbestände. Ein im Zuge des Planvorhabens erstelltes Fledermausgutachten [32] bestätigt, dass in der Umgebung des geplanten Sportbandes diverse Fledermausarten heimisch sind.

Aus den vorliegenden örtlichen Gegebenheiten kann abgeleitet werden, dass sich das Schutzgut Tiere und auch das Schutzgut Pflanzen in unmittelbarer Nähe zum geplanten Sportband befinden. Die Maßnahmen zum Schutz der umliegenden Tierbestände decken auch die für die Flora ab, sodass Maßnahmen eigens für das Schutzgut Vegetation nicht erarbeitet werden.

Anders als beim Schutzgut Mensch, wo Grenzwerte dabei helfen, mögliche lichttechnische Beeinträchtigungen bewerten zu können, stehen für das Schutzgut Tiere keine Grenzwerte zur Verfügung, die eine Beeinträchtigung des Faunabestands rechentechnisch bewertbar machen. Hält man an dem vorliegenden Standort für die Schaffung des Sportbandes fest, so sollten folgende Punkte zum Schutz der Fauna in der Umsetzung des Planvorhabens Beachtung finden:

Im Zuge der Lichtplanung sollte generell darauf geachtet werden, dass

- die Leuchten nicht nach oben abstrahlen. Leuchten, die in den oberen Himmelsraum abstrahlen haben einen weit größeren Anlockungseffekt auf Tiere. Der lichttechnische Einfluss einer aus tierschutzfachlicher Sicht gesehen „falsch" orientierten Leuchte ist daher größer.
- die Flutlichter nur auf die Sportflächen leuchten, ohne große Bereiche der Nachbarschaft unnötig zu beleuchten. Wege o.Ä., die der Erschließung der Sportflächen dienen, sollten – sofern hier eine Beleuchtung erforderlich ist - über eine eigene Beleuchtung, die tiefer angebracht werden kann und weniger hell ist, erfolgen. Ein Abstrahlen in Habitatbereiche der umliegenden Tierwelt ist zwingend zu vermeiden.
- die verwendeten Leuchtmittel am besten eine Farbtemperatur von < 3.000 K (warm-weißes Licht) aufweisen. Durch eine Leuchte, die Licht mit geringem UV-Anteil emittiert, werden deutlich weniger Insekten und in direkter Folge deren Jäger (z.B. Fledermäuse) angezogen.
- die Lampengehäuse gegen das Eindringen von Insekten vollständig geschlossen sind. Bei der Wahl des Leuchtmittels ist unbedingt darauf zu achten, dass kein direkter Kontakt von Tieren zu der heißen Blendquelle vorliegt. Hierzu sind geeignete Einhausungen der Leuchte vorzusehen, die Insekten keinen Zugang bieten und auch nicht so heiß werden, dass Insekten beim Kontakt versengen. Die Einhausung kann auch gleich die Funktion eines Blendschutzes übernehmen, weshalb sich hier ein Synergieeffekt ergibt.
- die Beleuchtung nicht höher als unbedingt notwendig montiert wird. Die Anbringungshöhe sollte so gering wie möglich gehalten werden, um Leuchten in der weiträumigen Nachbarschaft so wenig wie möglich zu exponieren und somit die Fauna minimal zu beeinflussen.
- die maximale Beleuchtungsstärke so gering wie möglich gehalten wird. Die Platzausleuchtung sollte die erforderlichen Anforderungen erfüllen, aber darüber hinaus nicht unnötig beleuchten. Die erforderliche Beleuchtung ist auch auf die vorliegende Nutzung auszulegen. Ein Trainingsbetrieb erfordert keine Spielbetriebsbeleuchtung.
- die Beleuchtung nur wenn nötig in Betrieb ist. Ein Betrieb der Beleuchtungsanlagen ist auch außerhalb des Nachtzeitraums auf die Zeiträume zu beschränken, wo eine Nutzung vorliegt.

Im vorliegenden Fall schließen bis auf das Minisoccerfeld an jede der beleuchteten Sportflächen Vegetationsflächen mit Faunabeständen an. So befinden sich südlich des bestehenden Sportplatzes sowie südlich und östlich des geplanten Großspielfelds Baumbestände in unmittelbarer Nachbarschaft. Die geplante Leichtathletikanlage (Kampfbahn C) im westlichen Bereich des geplanten Sportbandes ist bis auf ihre nordöstliche Nachbarschaft von Vegetationsflächen umgeben. Hier schließt das sogenannte Langmattenwäldchen im Westen in einem Abstand von etwa 35 m und südwestlich das FFH-Gebiet 7912311 „Mooswälder bei Freiburg" ([27] und [28]) in einem Abstand von etwa 100 m an die geplante Leichtathletikanlage an. In diesen Gebieten sind viele lichtsensible, schützenswerte Arten zuhause, weshalb die oben genannten allgemeinen Maßnahmen zum Schutz der umliegenden Fauna besonders auf die Kampfbahn C anzuwenden sind.

Dieses Gutachten umfasst 43 Seiten und 11 Anlagen. Die auszugsweise Vervielfältigung des Gutachtens ist nur mit Zustimmung der Möhler + Partner Ingenieure AG gestattet.

München, den 28. Oktober 2021

Möhler + Partner
Ingenieure AG

i. A. M. Sc. P. Patsch

i. V. M. Sc. C. Bews

7. Anlagen

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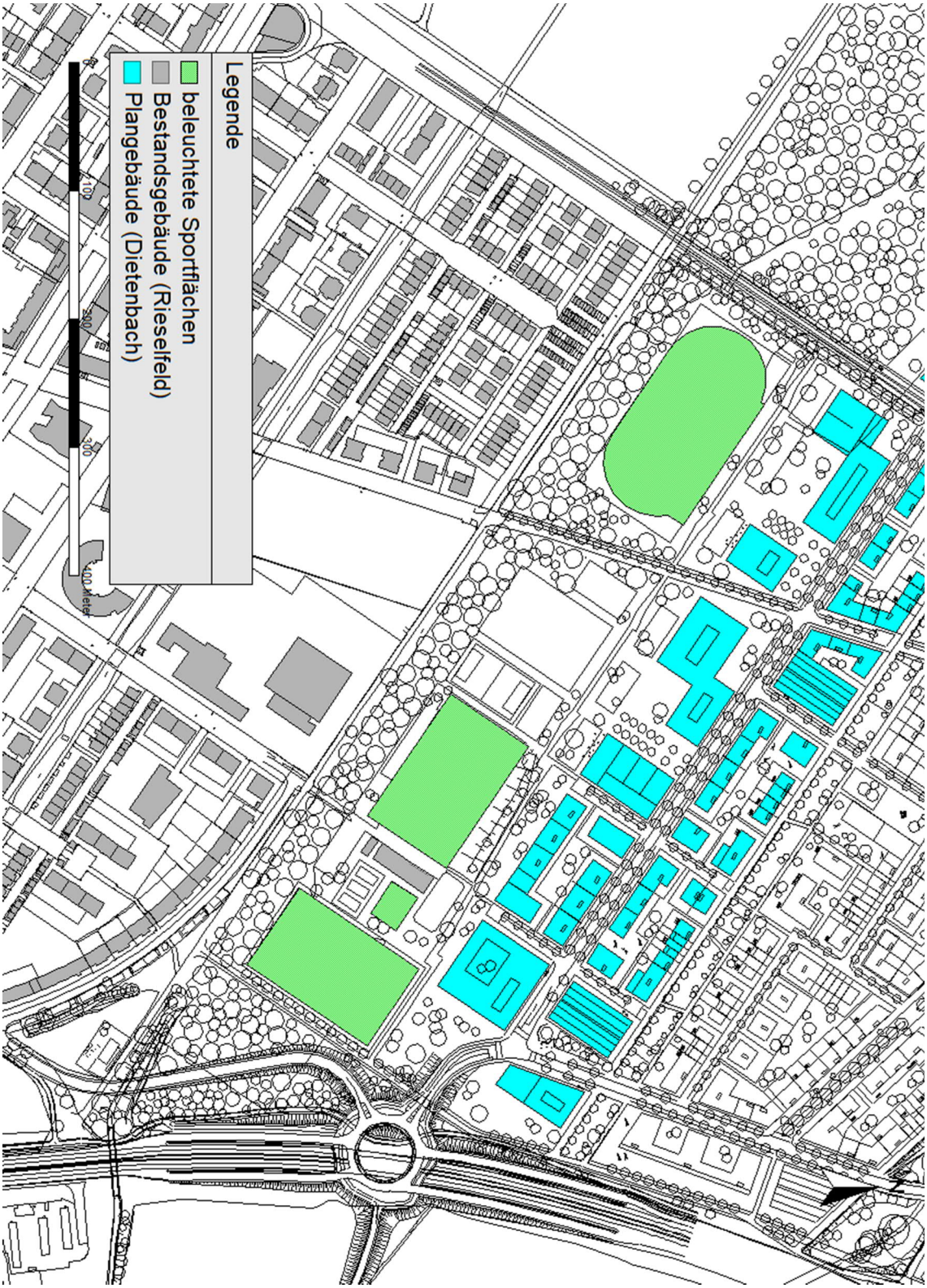
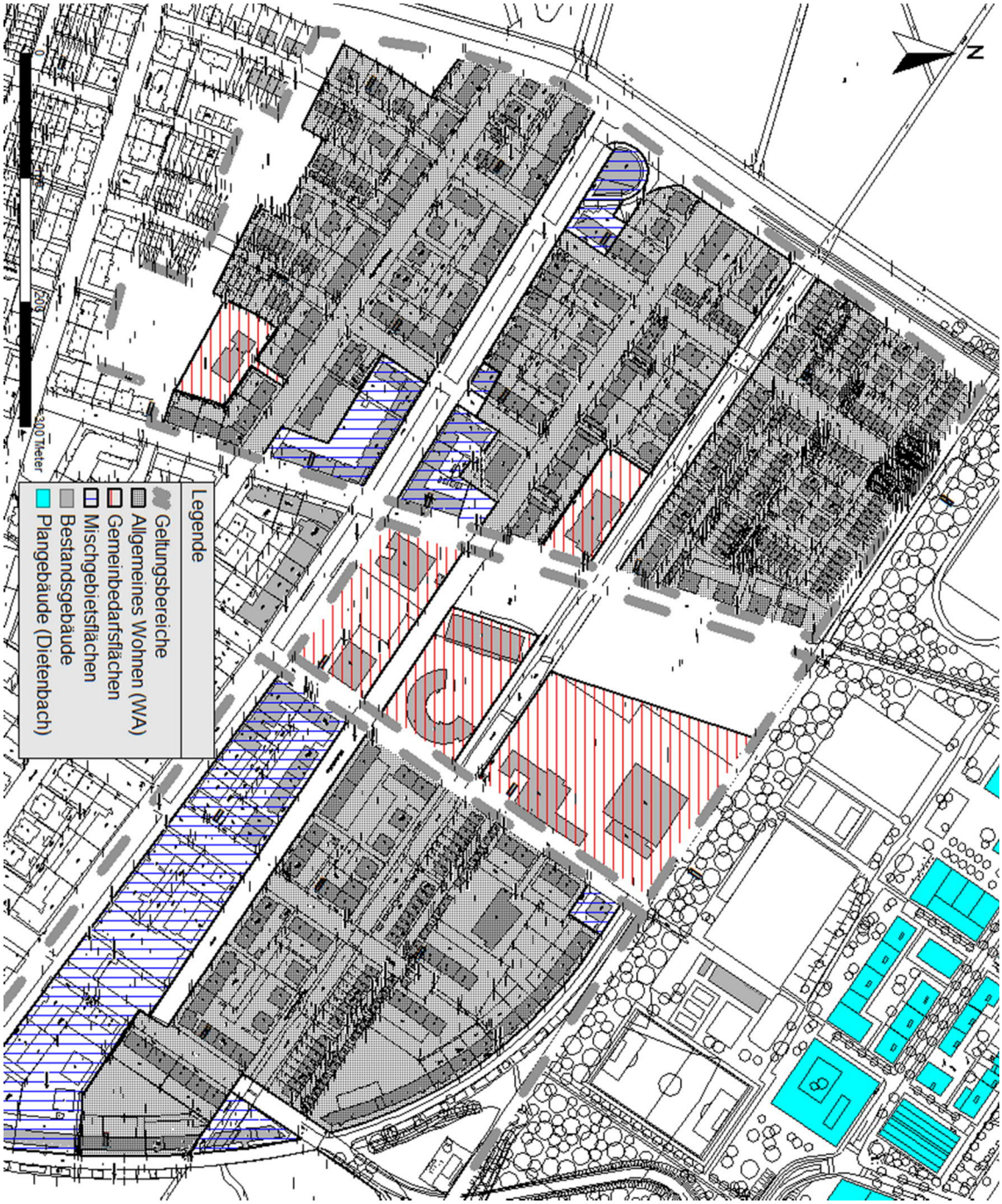
Anlage 1: Lagepläne

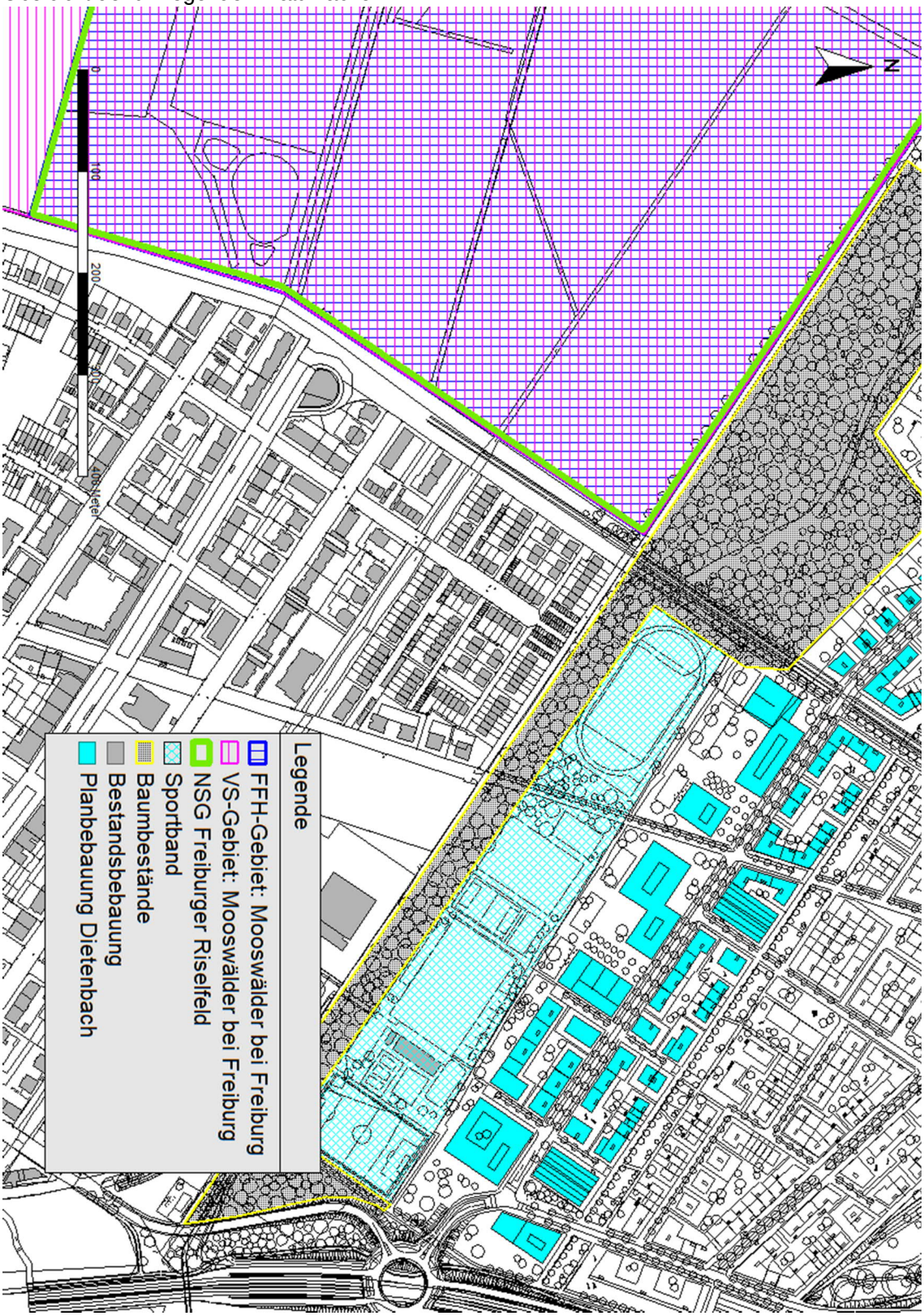
Übersichtslageplan



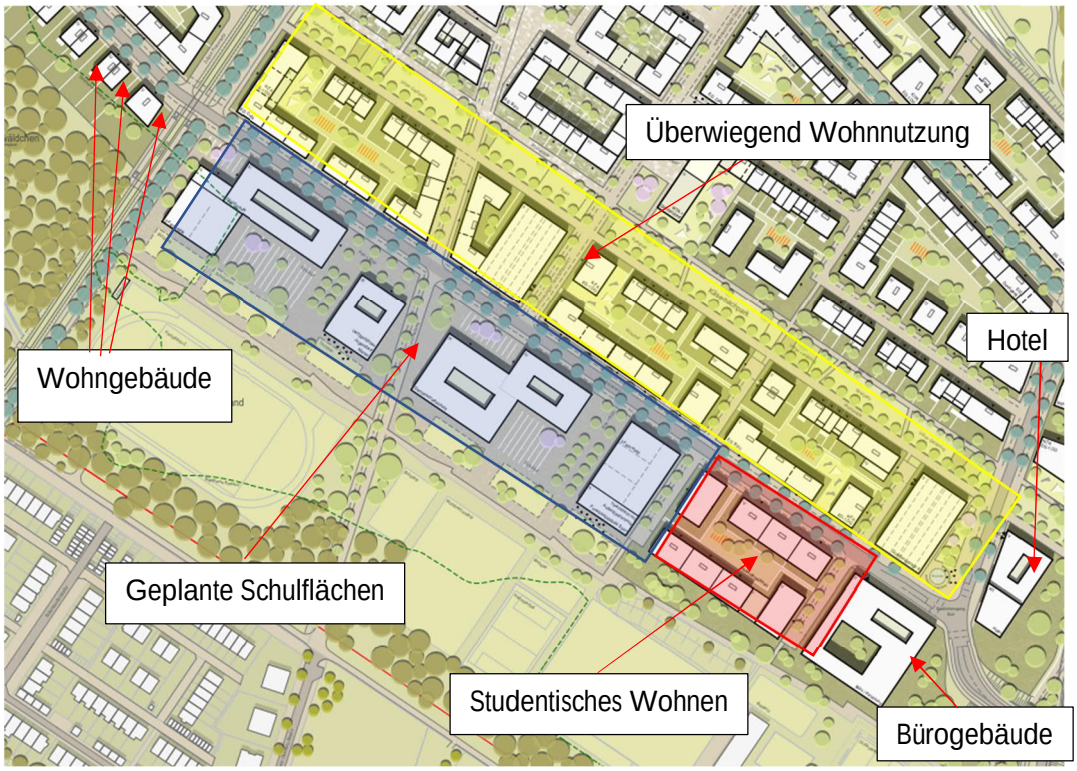
Gebietswidmung südlich des Sportbandes



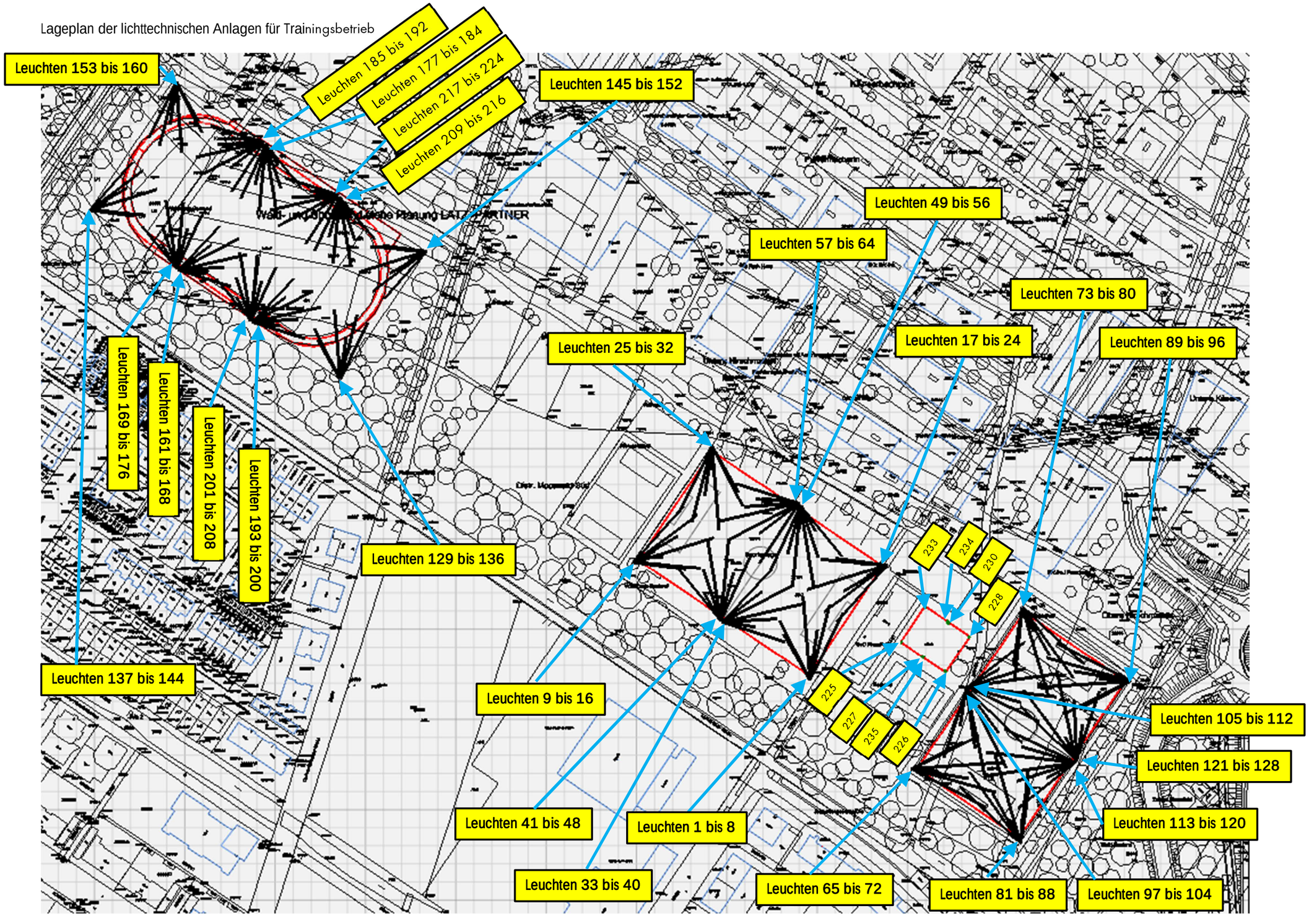
Übersicht der umliegenden Naturflächen



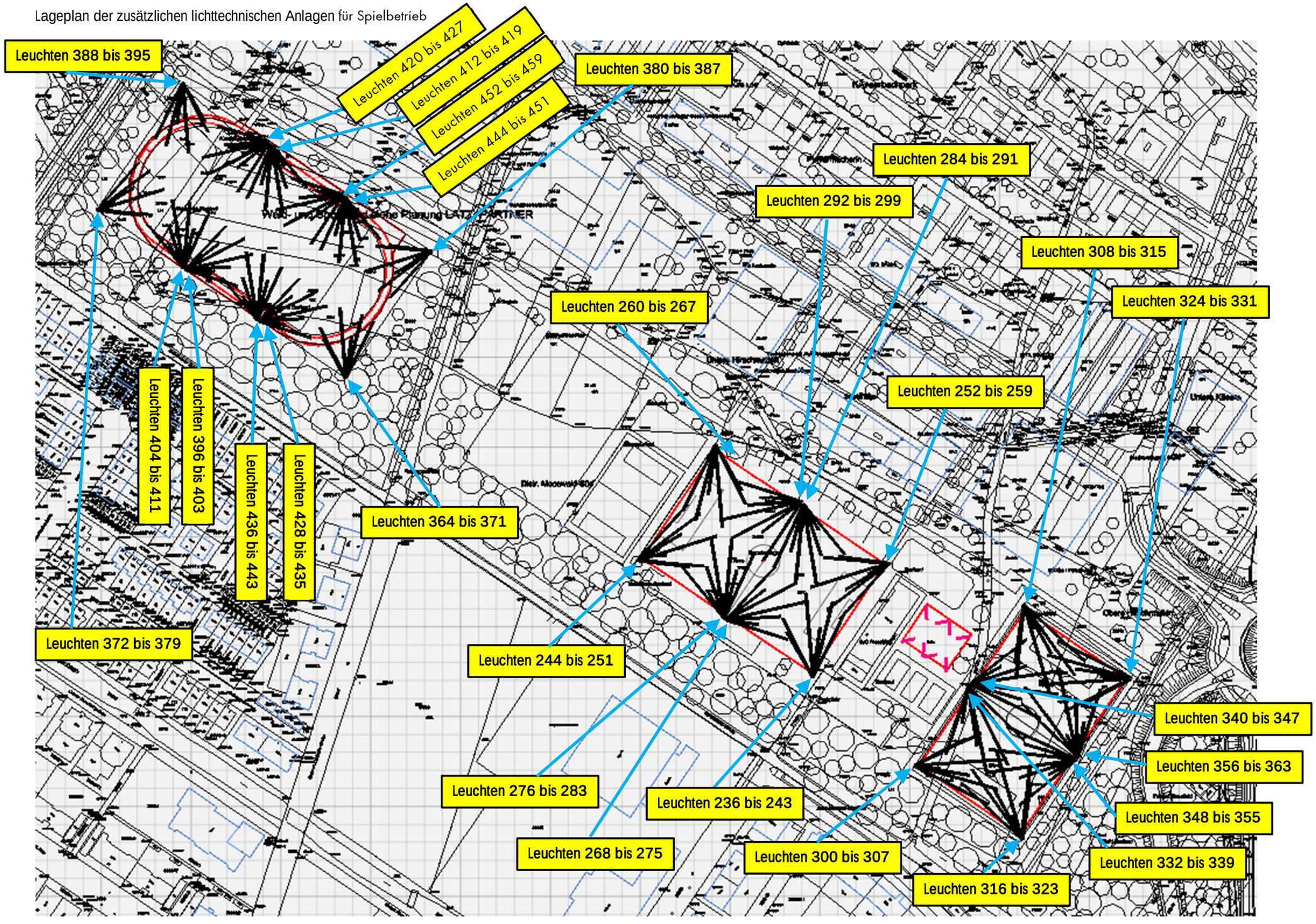
Gebietswidmung nördlich des Sportbandes



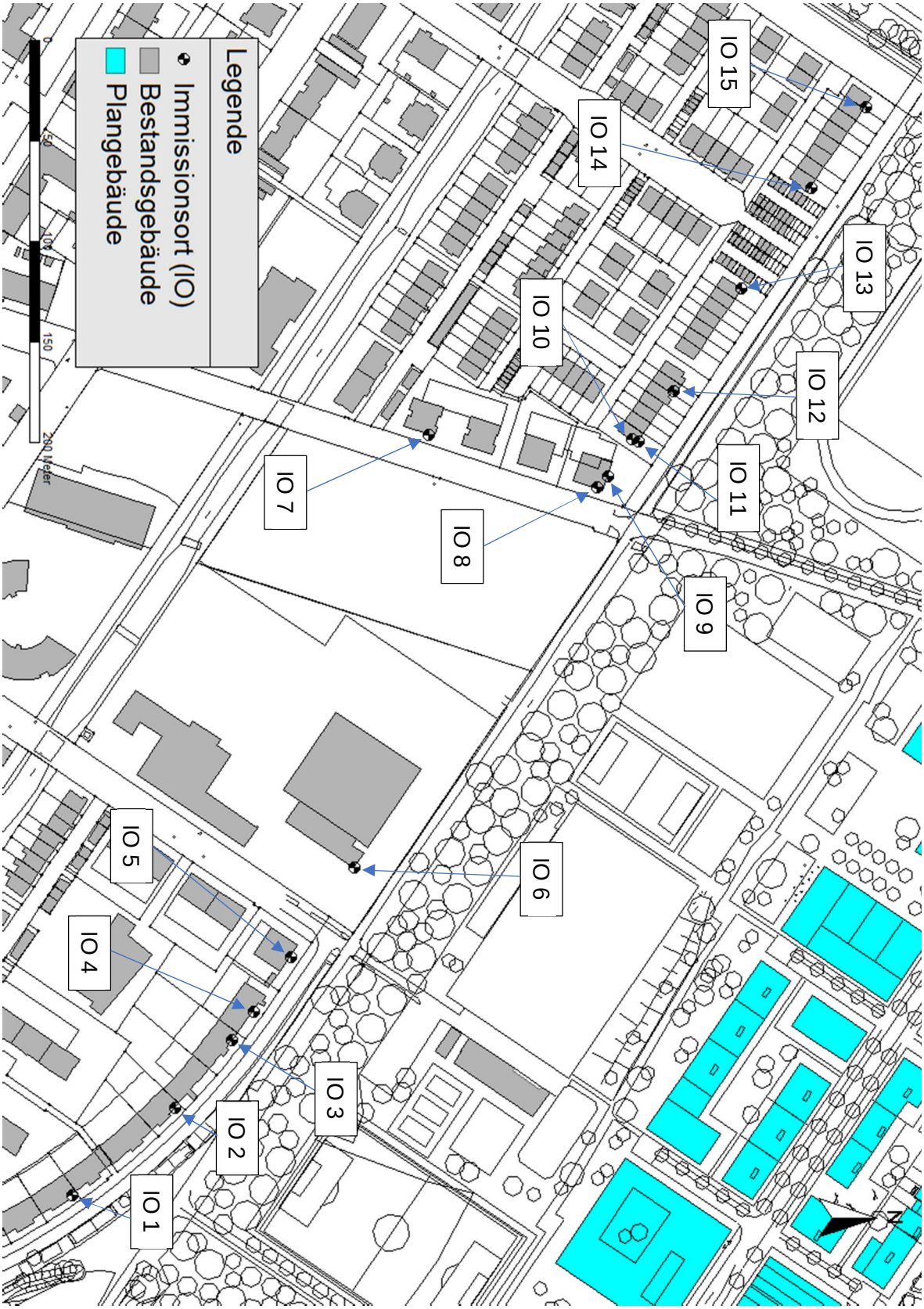
Lageplan der lichttechnischen Anlagen für Trainingsbetrieb



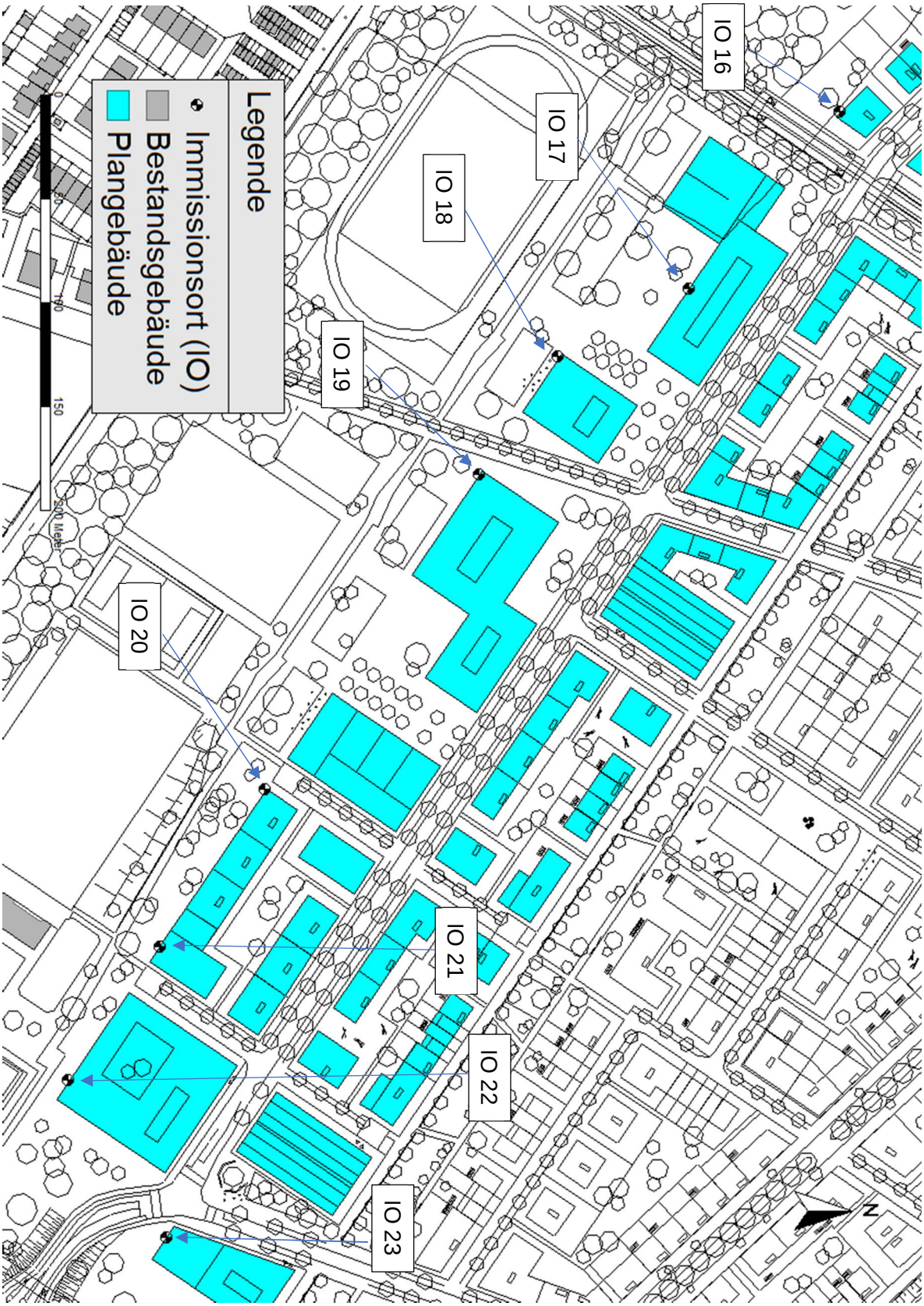
Lageplan der zusätzlichen lichttechnischen Anlagen für Spielbetrieb



Lageplan: Immissionsorte in Rieselfeld



Lageplan: Immissionsorte in Dietenbach



Anlage 2: Datenblatt zu den Leuchten

Leuchten für bestehenden Sportplatz, Kampfbahn C und geplantes Großspielfeld

Leuchtendaten

LUMOSA, CSX60S100 PRO (symm over C0-C180)

Datenblatt

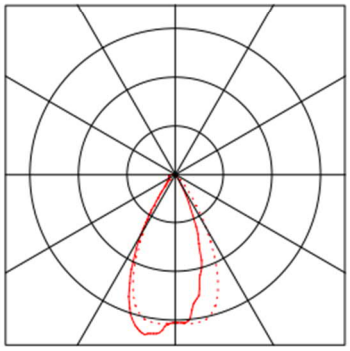
Hersteller: LUMOSA

symm over C0-C180 **CSX60S100 PRO**

Leuchtendaten		
Leuchten-Wirkungsgrad	:	100%
Leuchten-Lichtausbeute	:	108.81 lm/W
Klassifikation	:	A70 ↓100.0% ↑0.0%
CIE Flux Codes	:	88 94 98 100 100
UGR 4H 8H	:	<10.0 / 24.9
Leistung	:	215 W
Lichtstrom	:	23395 lm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	60 deg V2
Farbe	:	
Lichtstrom	:	23395 lm

Abmessungen : 280 mm x 110 mm x 1 mm



Leuchtendaten

LUMOSA, CSX60S200 PRO... (LUMOSA CSX60S200-PRO-40 ...)

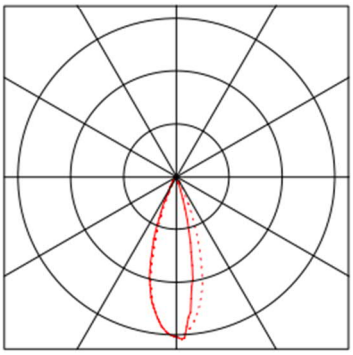
Datenblatt

Hersteller: LUMOSA

LUMOSA CSX60S200-PRO-40 DEG V2.IES **CSX60S200 PRO**

Leuchtendaten		
Leuchten-Wirkungsgrad	:	99.9%
Leuchten-Lichtausbeute	:	100.67 lm/W
Klassifikation	:	A70 ↓100.0% ↑0.0%
CIE Flux Codes	:	91 95 98 100 100
UGR 4H 8H	:	<10.0 / 22.9
Leistung	:	215 W
Lichtstrom	:	21644.3 lm
Abmessungen	:	280 mm x 110 mm x 1 mm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	40 deg V2
Farbe	:	
Lichtstrom	:	21666 lm



Leuchtendaten

LUMOSA, CSX60S300 PRO... (LUMOSA CSX60S300-PRO-25 ...)

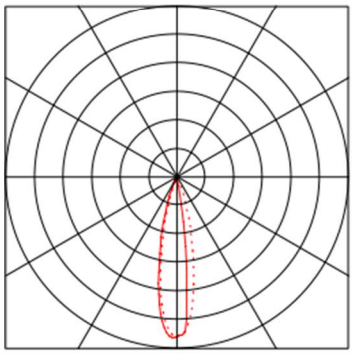
Datenblatt

Hersteller: LUMOSA

LUMOSA CSX60S300-PRO-25 DEG V2.IES **CSX60S300 PRO**

Leuchtendaten		
Leuchten-Wirkungsgrad	:	99.7%
Leuchten-Lichtausbeute	:	97.13 lm/W
Klassifikation	:	A80 ↓100.0% ↑0.0%
CIE Flux Codes	:	92 95 98 100 100
UGR 4H 8H	:	<10.0 / 21.7
Leistung	:	215 W
Lichtstrom	:	20882.2 lm
Abmessungen	:	280 mm x 110 mm x 1 mm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	25 deg V2
Farbe	:	
Lichtstrom	:	20945 lm



Leuchtendaten

LUMOSA, CSX60S200 PRO... (LUMOSA CSX60S200-PRO-25 ...)

Datenblatt

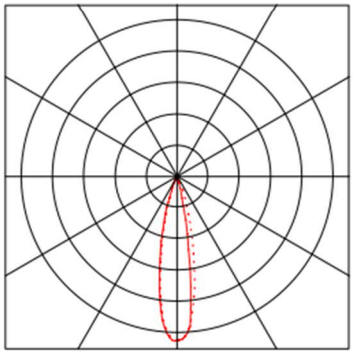
Hersteller: LUMOSA

LUMOSA CSX60S200-PRO-25 DEG V2.IES **CSX60S200 PRO**

Leuchtendaten		
Leuchten-Wirkungsgrad	:	100.2%
Leuchten-Lichtausbeute	:	104.8 lm/W
Klassifikation	:	A80 ↓100.0% ↑0.0%
CIE Flux Codes	:	93 97 99 100 100
UGR 4H 8H	:	<10.0 / 20.6
Leistung	:	215 W
Lichtstrom	:	22533 lm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	25 deg V2
Farbe	:	
Lichtstrom	:	22488 lm

Abmessungen : 280 mm x 110 mm x 1 mm



Leuchten für Minisoccerplatz (Trainingsbetrieb)

Leuchtdatenblatt

Leuchtendaten

Kosnic, LED Floodlight - Havas... (KFLD80-150Q666-...)

Datenblatt

Hersteller: Kosnic

KFLD80-150Q666-A250 (150w Output) **Asymmetric floodlight** **LED Floodlight - Havasu**
150w Havasu LED Premium High-Power Floodlight w/ Asymmetric Optic (5000k)

Overview

The Kosnic Havasu LED floodlights are high-power premium luminaires available in two sizes, both with wattage switching, and can be supplied with a variety of illumination pattern choices. The floodlights are IP66 rated for outdoor use, robust and have high lumen efficiency and a long life.

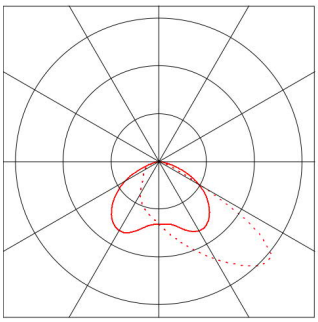
Features

- Switchable wattage
- Beam angle options: Spot (70° x 30°), Flood (60° x 60°), Wide (90° x 90°), Type IV (140° x 50°), Asymmetric 50 (120° x 50°)
- Class I, IP66, IK08
- High lumen output
- High power, up to 240W
- Efficiency of 150lm/W
- 54,000h rated lifetime
- Diecast aluminium
- Instant start
- Negligible UV output
- Slim profile

Please see datasheet or website for more info.

Leuchtendaten		
Absolute Photometrie		
Leuchten-Lichtausbeute	:	150 lm/W
Klassifikation	:	A40 ↓100.0% ↑0.0%
CIE Flux Codes	:	48 86 99 100 100
UGR 4H 8H	:	31.9 / 27.6
Betriebsmittel	:	Electronic ballast
Leistung	:	150 W
Lichtstrom	:	22500 lm
Abmessungen	:	445 mm x 350 mm x 50 mm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	LED
Farbe	:	5000K
Farbwiedergabe	:	70

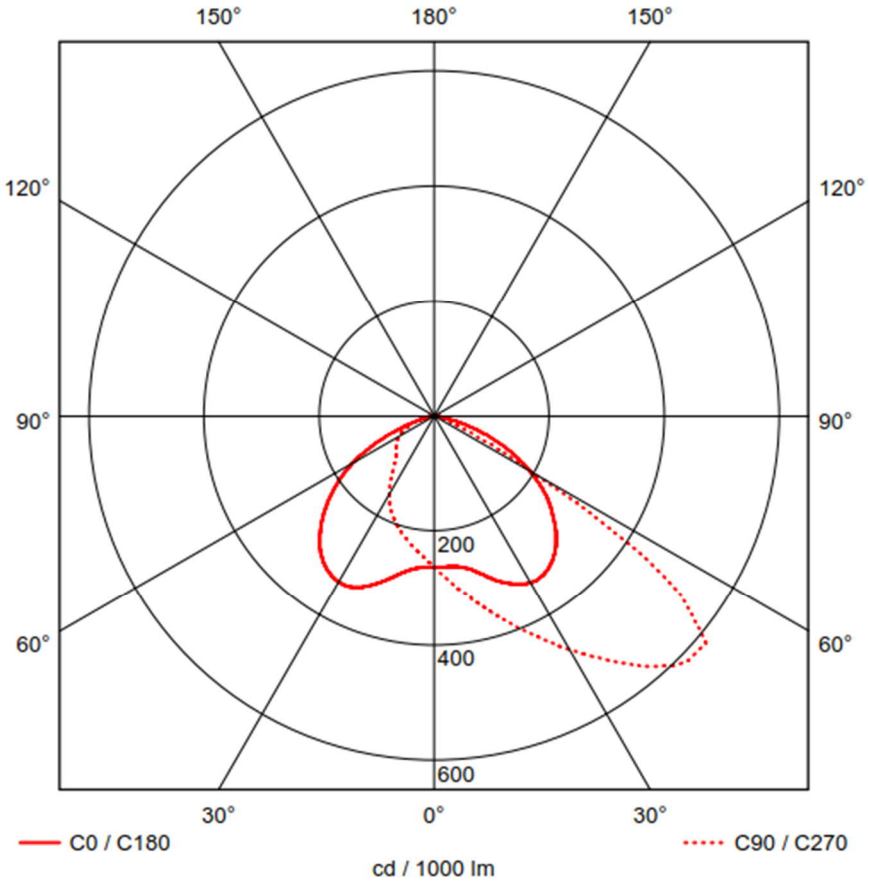


LVK

Leuchtendaten

Kosnic, LED Floodlight - Havas... (KFLD80-150Q666-...)

LVK



	C0	C90	C180
0°	263	263	263
5°	263	287	264
10°	267	314	274
15°	280	348	291
20°	302	384	312
25°	322	426	329
30°	335	470	333
35°	335	518	326
40°	322	570	308
45°	300	609	280
50°	269	615	246
55°	235	486	208
60°	192	198	164
65°	146	65	113
70°	95	28	60
75°	48	16	20
80°	13	8	4
85°	3	1	0
90°	0	0	0

cd / 1000 lm

Leuchten für Minisoccerplatz (Spielbetrieb)

Leuchtdatenblatt

Leuchtendaten

Kosnic, LED Floodlight - Havas... (KFLD200-240Q666...)

Datenblatt

Hersteller: Kosnic

KFLD200-240Q666-F50 (200w Output) Rectangular projector LED Floodlight - Havasu
200w Havasu LED Premium High-Power Floodlight w/ 60º Optic (5000k)

Overview

The Kosnic Havasu LED floodlights are high-power premium luminaires available in two sizes, both with wattage switching, and can be supplied with a variety of illumination pattern choices. The floodlights are IP66 rated for outdoor use, robust and have high lumen efficiency and a long life.

Features

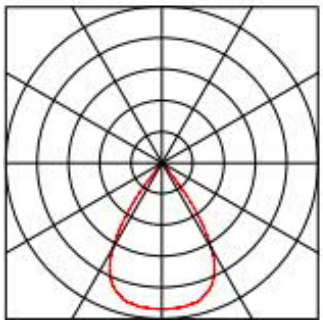
- Switchable wattage
- Beam angle options: Spot (70° x 30°), Flood (60° x 60°), Wide (90° x 90°), Type IV (140° x 50°), Asymmetric 50 (120° x 50°)
- Class I, IP66, IK08
- High lumen output
- High power, up to 240W
- Efficiency of 150lm/W
- 54,000h rated lifetime
- Diecast aluminium
- Instant start
- Negligible UV output
- Slim profile

Please see datasheet or website for more info.

Leuchtendaten		
Leuchten-Wirkungsgrad	:	100%
Leuchten-Lichtausbeute	:	150 lm/W
Klassifikation	:	A70 ↓100.0% ↑0.0%
CIE Flux Codes	:	94 98 99 100 98
UGR 4H 8H	:	21.4 / 21.4
Betriebsmittel	:	Electronic ballast
Leistung	:	200 W
Lichtstrom	:	30000 lm

Bestückung mit		
Anzahl	:	1
Bezeichnung	:	LED
Farbe	:	5000K
Lichtstrom	:	30000 lm
Farbwiedergabe	:	70

Abmessungen : 410 mm x 445 mm x 50 mm

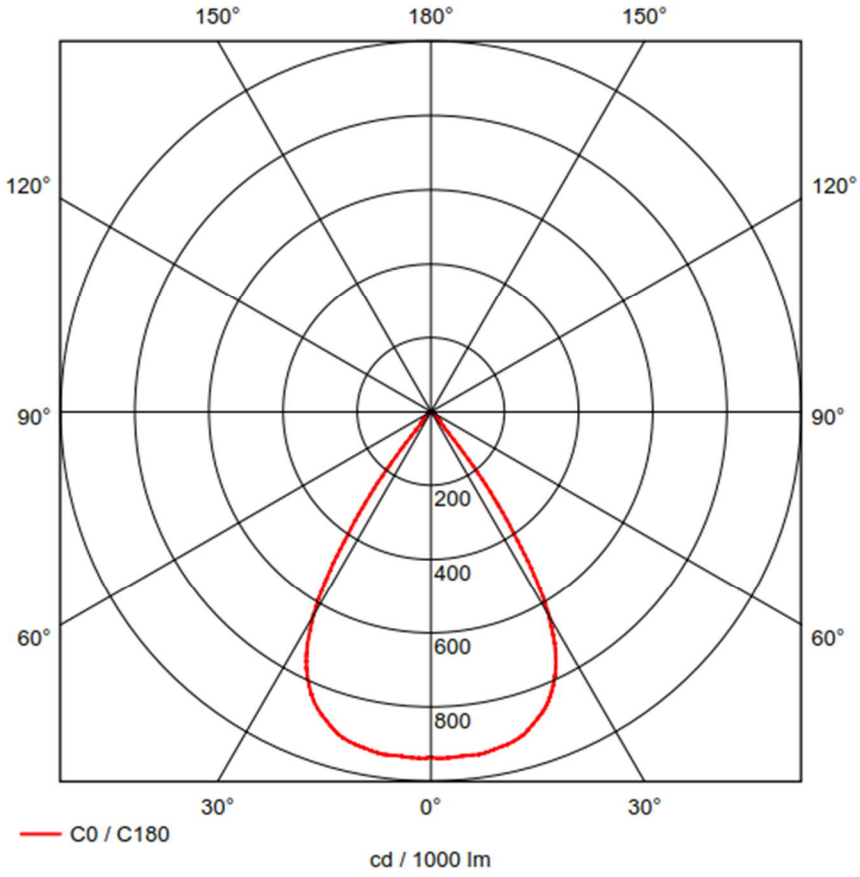


LVK

Leuchtendaten

Kosnic, LED Floodlight - Havas... (KFLD200-240Q666...)

LVK

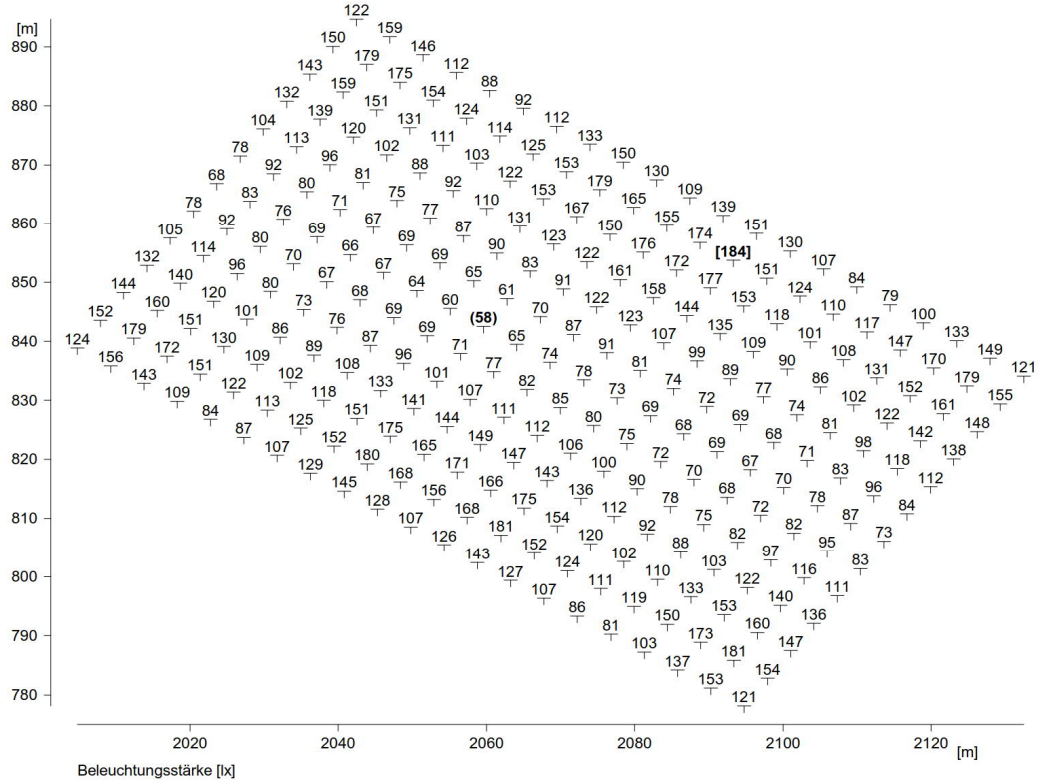


	C0	C90	C180
0°	935	935	935
5°	935	935	935
10°	931	931	931
15°	915	915	915
20°	870	870	870
25°	792	792	792
30°	636	636	636
35°	359	359	359
40°	66	66	66
45°	32	32	32
50°	20	20	20
55°	13	13	13
60°	11	11	11
65°	10	10	10
70°	9	9	9
75°	6	6	6
80°	7	7	7
85°	3	3	3
90°	4	4	4
	cd / 1000 lm		

Anlage 3: Beleuchtungsstärke auf den Sportflächen

Bestehender Sportplatz (Trainingsbetrieb)

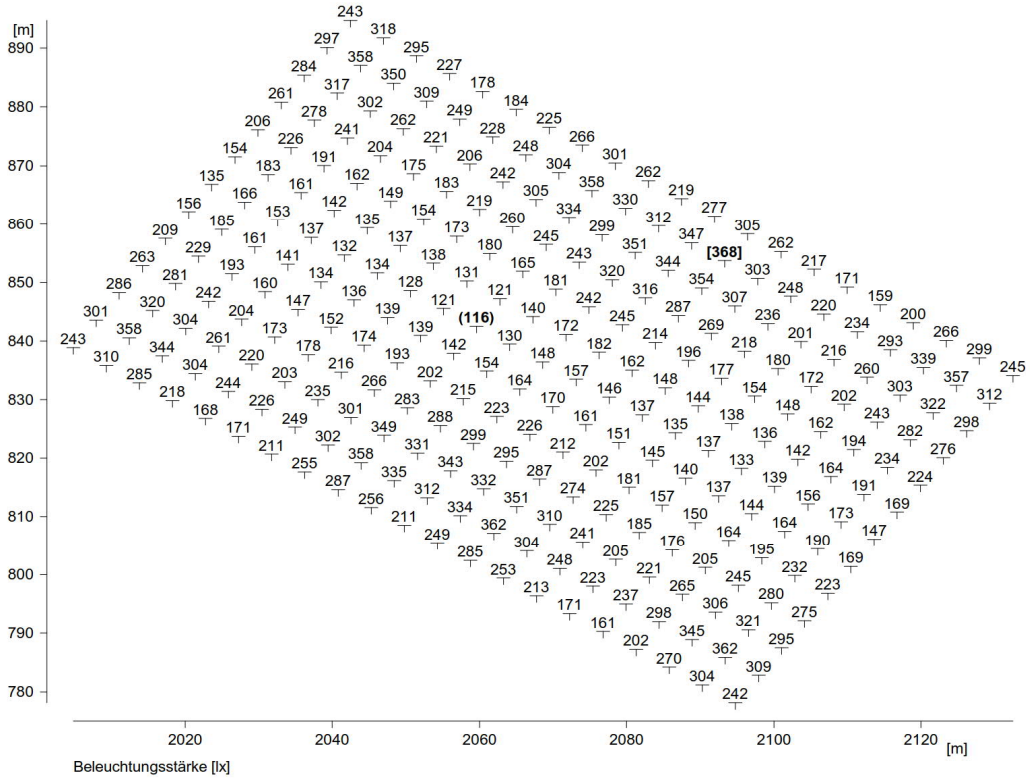
Tabelle, Sportplatz Bestand (E)



Höhe der Nutzebene		: 3.00 m
Mittlere Beleuchtungsstärke	Em	: 114 lx
Minimale Beleuchtungsstärke	Emin	: 58 lx
Maximale Beleuchtungsstärke	Emax	: 184 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 1.97 (0.51)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 3.16 (0.32)

Bestehender Sportplatz (Spielbetrieb)

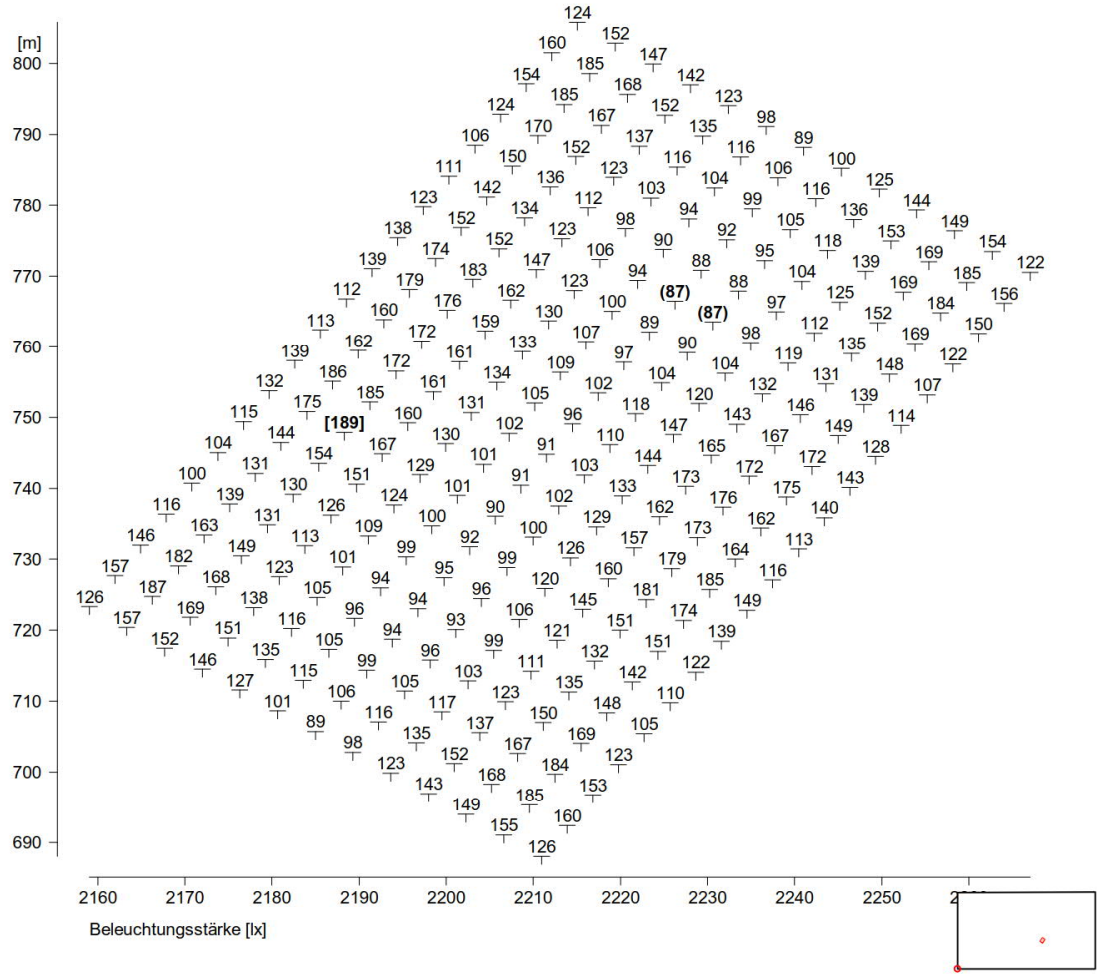
Tabelle, Sportplatz Bestand (E)



Höhe der Nutzebene		: 3.00 m
Mittlere Beleuchtungsstärke	Em	: 228 lx
Minimale Beleuchtungsstärke	Emin	: 116 lx
Maximale Beleuchtungsstärke	Emax	: 368 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 1.97 (0.51)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 3.17 (0.32)

Großspielfeld (Trainingsbetrieb)

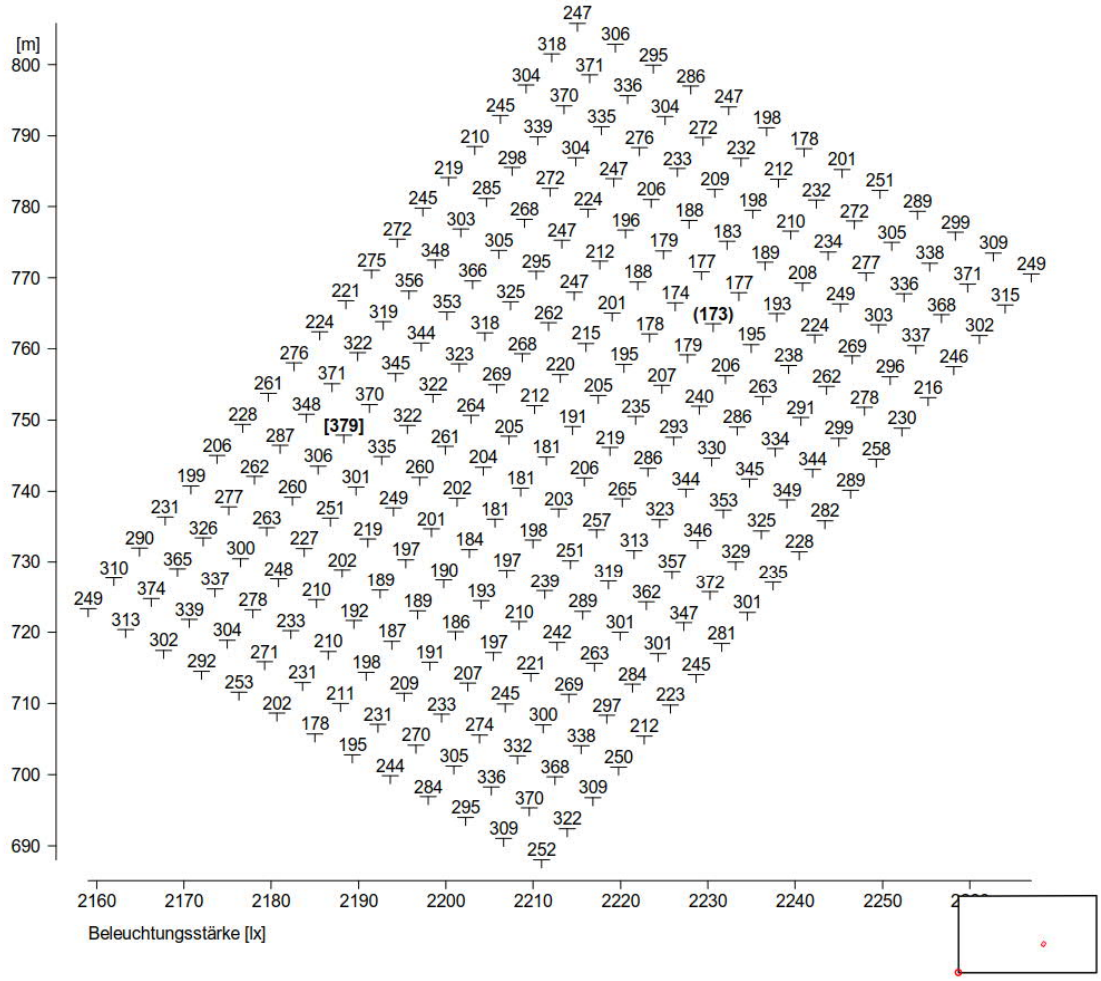
Tabelle, Großspielfeld Plan (E)



Höhe der Nutzebene		: 5.00 m
Mittlere Beleuchtungsstärke	Em	: 132 lx
Minimale Beleuchtungsstärke	Emin	: 87 lx
Maximale Beleuchtungsstärke	Emax	: 189 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 1.53 (0.65)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 2.19 (0.46)

Großspielfeld (Spielbetrieb)

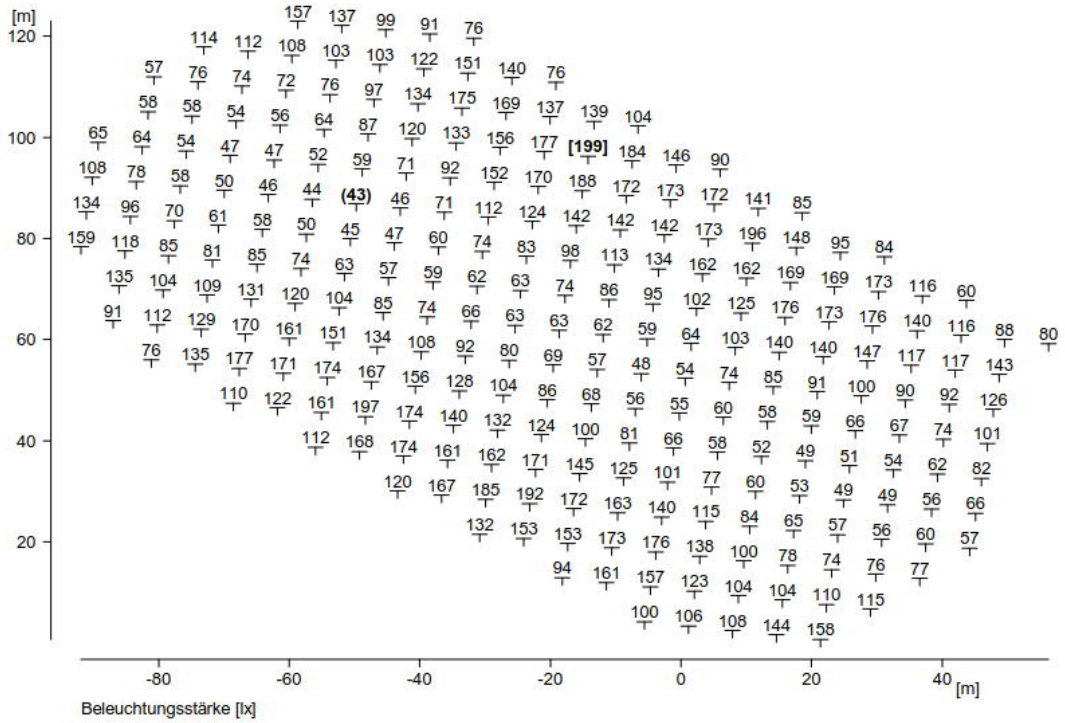
Tabelle, Großspielfeld Plan (E)



Höhe der Nutzebene		: 5.00 m
Mittlere Beleuchtungsstärke	Em	: 265 lx
Minimale Beleuchtungsstärke	Emin	: 173 lx
Maximale Beleuchtungsstärke	Emax	: 379 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 1.53 (0.65)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 2.19 (0.46)

Kampfbahn C (Trainingsbetrieb)

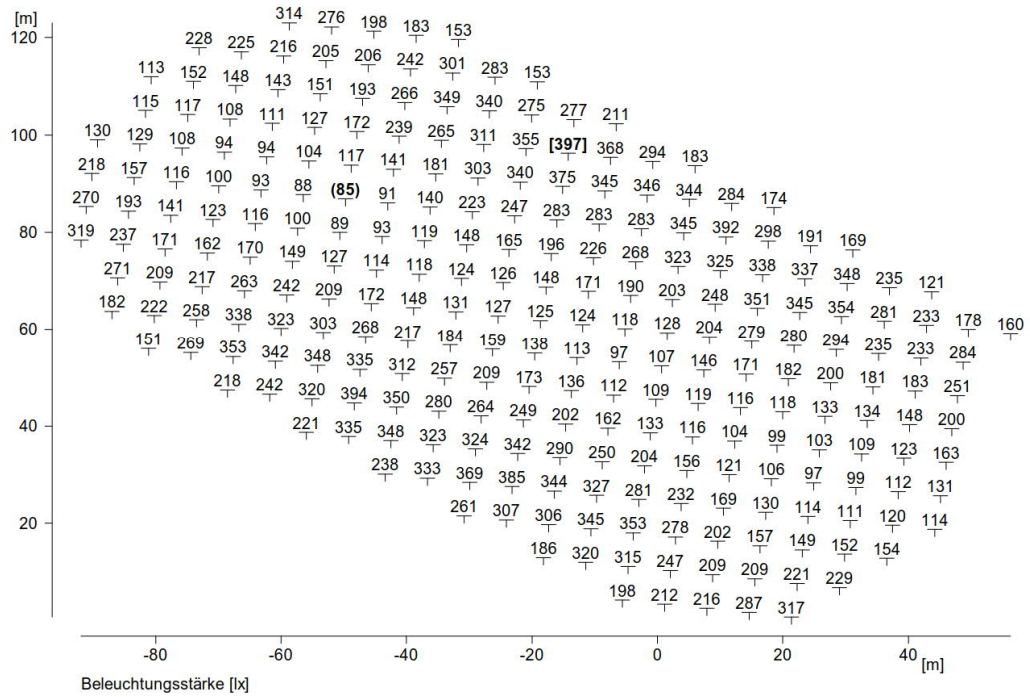
Tabelle, Laufbahn 1 gefüllt (E)



Höhe der Nutzebene		: 0.00 m
Mittlere Beleuchtungsstärke	Em	: 106 lx
Minimale Beleuchtungsstärke	Emin	: 43 lx
Maximale Beleuchtungsstärke	Emax	: 199 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 2.50 (0.40)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 4.66 (0.21)

Kampfbahn C (Spielbetrieb)

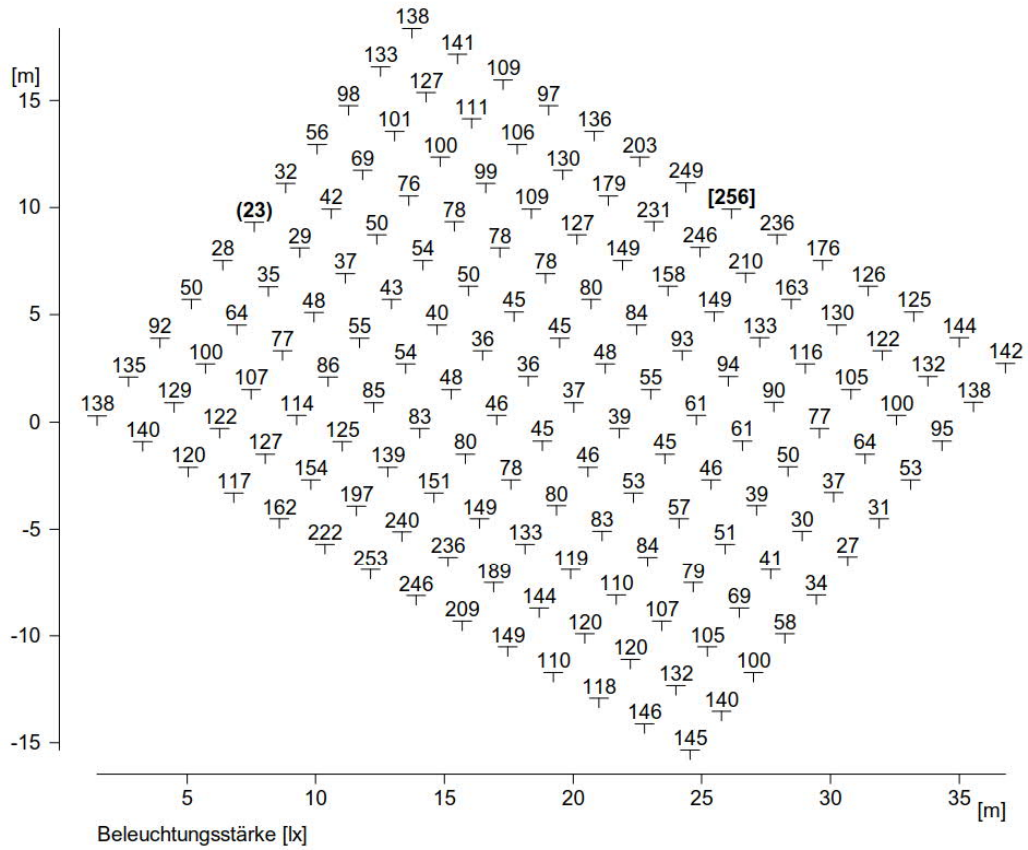
Tabelle, Laufbahn 1 gefüllt (E)



Höhe der Nutzebene		: 0.00 m
Mittlere Beleuchtungsstärke	Em	: 213 lx
Minimale Beleuchtungsstärke	Emin	: 85 lx
Maximale Beleuchtungsstärke	Emax	: 397 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 2.50 (0.40)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 4.65 (0.22)

Minisoccerplatz (Trainingsbetrieb)

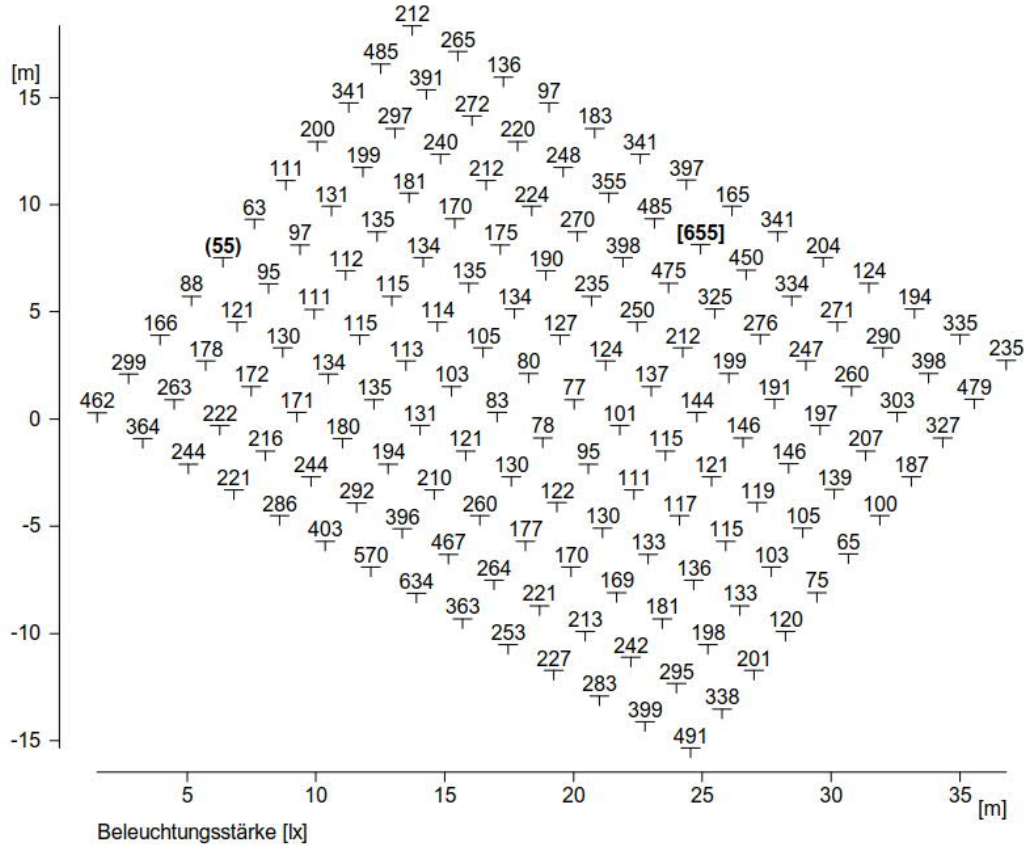
Tabelle, Minisoccerplatz (E)



Höhe der Nutzebene		: 3.70 m
Mittlere Beleuchtungsstärke	Em	: 105 lx
Minimale Beleuchtungsstärke	Emin	: 23 lx
Maximale Beleuchtungsstärke	Emax	: 256 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 4.51 (0.22)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 11.04 (0.09)

Minisoccerplatz (Spielbetrieb)

Tabelle, Minisoccerplatz (E)



Höhe der Nutzebene		: 3.70 m
Mittlere Beleuchtungsstärke	Em	: 219 lx
Minimale Beleuchtungsstärke	Emin	: 55 lx
Maximale Beleuchtungsstärke	Emax	: 655 lx
Gleichmäßigkeit Uo	Emin/Em	: 1 : 3.97 (0.25)
Ungleichmäßigkeit Ud	Emin/Emax	: 1 : 11.86 (0.08)

Anlage 4: Lichtimmissionen in der Nachbarschaft für Trainingsbetrieb (Raumaufhellung und Blendung)

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.16 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.19 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.22 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.25 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.28 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0.68 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	1.02 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0.66 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	1.18 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0.5 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	1.12 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.43 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	1.05 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	9.4 m	0.14 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	15.4 m	0.21 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0.03 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.07 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.06 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.12 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.1 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.41 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.05 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.07 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.19 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.4 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.19 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0.6 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.41 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0.93 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0.33 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	0.82 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0.2 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0.49 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0.04 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0.17 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0.16 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0.55 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0.68 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	1.56 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.27 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0.74 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.95 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	1.71 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0.83 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	1.92 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	3.29 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	2.67 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.31 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.48 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.84 lx	214.00°

Blendung k_s (Auflistung der maßgeblichen 20 Leuchten)

Nr.	Leuchte	Nr.	I [cd]	Limit L[cd/m²]	Ls [cd/m²]	ks	Omega-s [sr]	Orient./Neig. [°]	Entf. [m]
I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.71m / 589.71m / 8.20m)									
1	CSX60S100 PRO (sy..(98)		1821	11140	69850	200.67	8.25e-07	260.8°/ 56.2°	178
2	LED Floodlight - ...	(230)	177	18950	13390	22.61	2.85e-07	181.0°/ 0.0°	215
3	LED Floodlight - ...	(233)	179	19860	13510	21.77	2.60e-07	185.0°/ 0.0°	226
4	CSX60S100 PRO (sy(114)		139	10480	7078	21.62	9.33e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy..(66)		40	13780	3787	8.79	5.39e-07	354.9°/ 47.4°	139
6	CSX60S100 PRO (sy(113)		32	17190	4394	8.18	3.47e-07	174.5°/ 47.2°	145
7	CSX60S100 PRO (sy..(89)		65	14550	3426	7.54	4.84e-07	205.2°/ 50.4°	199
8	CSX60S100 PRO (sy..(73)		81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
9	CSX60S100 PRO (sy..(97)		61	12040	2740	7.28	7.06e-07	295.5°/ 47.2°	178
10	CSX60S200 PRO (LU(115)		17	26530	5581	6.73	1.46e-07	163.9°/ 56.2°	145
11	CSX60S100 PRO (sy(105)		26	25840	5325	6.59	1.53e-07	354.5°/ 47.2°	179
12	CSX60S100 PRO (sy..(50)		93	19070	3727	6.25	2.82e-07	299.1°/ 52.7°	297
13	CSX60S100 PRO (sy..(90)		30	21820	3541	5.19	2.15e-07	174.9°/ 47.4°	199
14	CSX60S100 PRO (sy..(74)		50	15740	2403	4.89	4.13e-07	295.1°/ 47.4°	224
15	CSX60S100 PRO (sy..(57)		24	54040	7597	4.50	3.51e-08	206.5°/ 47.2°	298
16	CSX60S100 PRO (sy..(25)		73	22500	3010	4.28	2.02e-07	296.2°/ 50.4°	347
17	CSX60S100 PRO (sy..(18)		25	32440	4001	3.95	9.73e-08	206.1°/ 47.4°	252
18	CSX60S100 PRO (sy..(49)		37	20630	1720	2.67	2.41e-07	265.5°/ 47.2°	297
19	CSX60S100 PRO (sy..(26)		34	24680	1670	2.16	1.68e-07	265.9°/ 47.4°	347
20	CSX60S300 PRO (LU.(71)		5	16180	694	1.37	3.91e-07	3.8°/ 68.0°	140
I(p) IO 1 Jean-Monnet-Str. 25 OG 1, lir(2193.71m / 589.71m / 11.20m)									
1	CSX60S100 PRO (sy..(98)		1300	11180	50380	144.15	8.19e-07	260.8°/ 56.2°	178
2	LED Floodlight - ...	(230)	150	19720	12280	19.93	2.63e-07	181.0°/ 0.0°	215
3	LED Floodlight - ...	(233)	153	20620	12450	19.32	2.41e-07	185.0°/ 0.0°	226
4	CSX60S100 PRO (sy(114)		92	10560	4737	14.36	9.19e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy(113)		30	17680	4358	7.89	3.28e-07	174.5°/ 47.2°	145
6	CSX60S100 PRO (sy..(66)		33	14050	3334	7.59	5.19e-07	354.9°/ 47.4°	139
7	CSX60S100 PRO (sy..(73)		76	14430	3113	6.90	4.92e-07	264.8°/ 50.4°	223
8	CSX60S100 PRO (sy(105)		26	26780	5651	6.75	1.43e-07	354.5°/ 47.2°	179
9	CSX60S100 PRO (sy..(89)		57	14640	3016	6.59	4.78e-07	205.2°/ 50.4°	198
10	CSX60S100 PRO (sy..(97)		51	12120	2319	6.12	6.98e-07	295.5°/ 47.2°	178
11	CSX60S100 PRO (sy..(50)		85	19130	3430	5.74	2.80e-07	299.1°/ 52.7°	297
12	CSX60S100 PRO (sy..(90)		26	22210	3186	4.59	2.08e-07	174.9°/ 47.4°	199
13	CSX60S100 PRO (sy..(57)		22	55930	7570	4.33	3.27e-08	206.5°/ 47.2°	298
14	CSX60S100 PRO (sy..(74)		42	15830	2033	4.11	4.09e-07	295.1°/ 47.4°	224
15	CSX60S100 PRO (sy..(25)		69	22570	2865	4.06	2.01e-07	296.2°/ 50.4°	347
16	CSX60S100 PRO (sy..(18)		24	33100	3984	3.85	9.35e-08	206.1°/ 47.4°	251
17	CSX60S100 PRO (sy..(49)		29	20730	1390	2.15	2.38e-07	265.5°/ 47.2°	297
18	CSX60S100 PRO (sy..(26)		30	24790	1471	1.90	1.67e-07	265.9°/ 47.4°	347
19	CSX60S200 PRO (LU(115)		3	28130	1135	1.29	1.29e-07	163.9°/ 56.2°	145
20	CSX60S300 PRO (LU.(71)		4	16400	566	1.10	3.81e-07	3.8°/ 68.0°	139
I(p) IO 1 Jean-Monnet-Str. 25 OG 2, lir(2193.71m / 589.71m / 14.20m)									
1	CSX60S100 PRO (sy..(98)		471	11230	18430	52.50	8.11e-07	260.8°/ 56.2°	177
2	LED Floodlight - ...	(230)	128	20590	11410	17.73	2.42e-07	181.0°/ 0.0°	215
3	LED Floodlight - ...	(233)	131	21490	11610	17.29	2.22e-07	185.0°/ 0.0°	226
4	CSX60S100 PRO (sy(114)		72	10640	3813	11.46	9.04e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy(113)		26	18230	4027	7.07	3.08e-07	174.5°/ 47.2°	145
6	CSX60S100 PRO (sy(105)		24	27850	5755	6.61	1.32e-07	354.5°/ 47.2°	178
7	CSX60S100 PRO (sy..(73)		73	14500	2997	6.61	4.87e-07	264.8°/ 50.4°	223
8	CSX60S100 PRO (sy..(66)		27	14350	2839	6.33	4.97e-07	354.9°/ 47.4°	139
9	CSX60S100 PRO (sy..(89)		52	14750	2799	6.07	4.71e-07	205.2°/ 50.4°	198
10	CSX60S100 PRO (sy..(50)		79	19200	3239	5.40	2.78e-07	299.1°/ 52.7°	297
11	CSX60S100 PRO (sy..(97)		38	12200	1768	4.64	6.88e-07	295.5°/ 47.2°	178
12	CSX60S100 PRO (sy..(57)		21	58050	7821	4.31	3.04e-08	206.5°/ 47.2°	298
13	CSX60S100 PRO (sy..(90)		23	22630	2969	4.20	2.00e-07	174.9°/ 47.4°	199
14	CSX60S100 PRO (sy..(18)		23	33800	4131	3.91	8.96e-08	206.1°/ 47.4°	251
15	CSX60S100 PRO (sy..(25)		65	22640	2692	3.80	2.00e-07	296.2°/ 50.4°	347
16	CSX60S100 PRO (sy..(74)		33	15930	1639	3.29	4.04e-07	295.1°/ 47.4°	224
17	CSX60S100 PRO (sy..(49)		27	20820	1273	1.96	2.36e-07	265.5°/ 47.2°	297
18	CSX60S100 PRO (sy..(26)		27	24890	1336	1.72	1.65e-07	265.9°/ 47.4°	347
19	CSX60S300 PRO (LU.(71)		4	16650	585	1.12	3.69e-07	3.8°/ 68.0°	139
20	CSX60S300 PRO (LU(119)		4	17480	596	1.09	3.35e-07	173.6°/ 67.1°	145

I(p) IO 1 Jean-Monnet-Str. 25 OG 3, lir(2193.71m / 589.71m / 17.20m)

1	CSX60S100 PRO (sy..(98)	243	11290	9617	27.26	8.03e-07	260.8°/ 56.2°	177
2	LED Floodlight - ... (230)	106	21600	10380	15.38	2.20e-07	181.0°/ 0.0°	215
3	LED Floodlight - ... (233)	110	22480	10610	15.10	2.03e-07	185.0°/ 0.0°	226
4	CSX60S100 PRO (sy(114)	59	10740	3160	9.41	8.87e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy(113)	24	18850	3884	6.59	2.88e-07	174.5°/ 47.2°	145
6	CSX60S100 PRO (sy(105)	22	29070	5577	6.14	1.21e-07	354.5°/ 47.2°	178
7	CSX60S100 PRO (sy..(73)	66	14570	2742	6.02	4.82e-07	264.8°/ 50.4°	223
8	CSX60S100 PRO (sy..(66)	24	14680	2585	5.63	4.75e-07	354.9°/ 47.4°	139
9	CSX60S100 PRO (sy..(89)	46	14860	2497	5.38	4.64e-07	205.2°/ 50.4°	198
10	CSX60S100 PRO (sy..(50)	75	19270	3100	5.15	2.76e-07	299.1°/ 52.7°	297
11	CSX60S100 PRO (sy..(57)	21	60440	8448	4.47	2.80e-08	206.5°/ 47.2°	298
12	CSX60S100 PRO (sy..(90)	23	23080	3092	4.29	1.92e-07	174.9°/ 47.4°	198
13	CSX60S100 PRO (sy..(18)	23	34560	4320	4.00	8.57e-08	206.1°/ 47.4°	251
14	CSX60S100 PRO (sy..(25)	59	22720	2482	3.50	1.98e-07	296.2°/ 50.4°	347
15	CSX60S100 PRO (sy..(97)	26	12290	1212	3.16	6.78e-07	295.5°/ 47.2°	178
16	CSX60S100 PRO (sy..(74)	27	16030	1366	2.73	3.98e-07	295.1°/ 47.4°	224
17	CSX60S100 PRO (sy..(49)	26	20930	1249	1.91	2.34e-07	265.5°/ 47.2°	297
18	CSX60S100 PRO (sy..(26)	25	25000	1247	1.60	1.64e-07	265.9°/ 47.4°	347
19	CSX60S300 PRO (LU.(71)	4	16930	605	1.14	3.57e-07	3.8°/ 68.0°	139
20	CSX60S300 PRO (LU(119)	4	17780	617	1.11	3.24e-07	173.6°/ 67.1°	145

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy..(98)	133	11350	5322	15.00	7.94e-07	260.8°/ 56.2°	177
2	LED Floodlight - ... (233)	87	23630	9283	12.57	1.83e-07	185.0°/ 0.0°	226
3	LED Floodlight - ... (230)	82	22770	8932	12.55	1.97e-07	181.0°/ 0.0°	216
4	CSX60S100 PRO (sy(114)	51	10850	2800	8.26	8.69e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy(113)	23	19550	4156	6.80	2.68e-07	174.5°/ 47.2°	145
6	CSX60S100 PRO (sy(105)	22	30480	6322	6.64	1.10e-07	354.5°/ 47.2°	178
7	CSX60S100 PRO (sy..(73)	58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
8	CSX60S100 PRO (sy..(66)	22	15050	2473	5.26	4.52e-07	354.9°/ 47.4°	139
9	CSX60S100 PRO (sy..(50)	73	19350	3008	4.98	2.74e-07	299.1°/ 52.7°	297
10	CSX60S100 PRO (sy..(57)	21	63170	9227	4.67	2.57e-08	206.5°/ 47.2°	298
11	CSX60S100 PRO (sy..(89)	38	14980	2124	4.54	4.56e-07	205.2°/ 50.4°	198
12	CSX60S100 PRO (sy..(90)	23	23570	3225	4.38	1.84e-07	174.9°/ 47.4°	198
13	CSX60S100 PRO (sy..(18)	23	35390	4374	3.96	8.18e-08	206.1°/ 47.4°	251
14	CSX60S100 PRO (sy..(25)	53	22800	2255	3.16	1.97e-07	296.2°/ 50.4°	347
15	CSX60S100 PRO (sy..(97)	24	12390	1119	2.89	6.67e-07	295.5°/ 47.2°	178
16	CSX60S100 PRO (sy..(74)	24	16140	1241	2.46	3.93e-07	295.1°/ 47.4°	224
17	CSX60S100 PRO (sy..(49)	25	21040	1208	1.84	2.31e-07	265.5°/ 47.2°	297
18	CSX60S100 PRO (sy..(26)	24	25120	1212	1.54	1.62e-07	265.9°/ 47.4°	347
19	CSX60S300 PRO (LU.(71)	4	17230	628	1.17	3.45e-07	3.8°/ 68.0°	139
20	CSX60S200 PRO (LU(115)	2	35890	1298	1.16	7.95e-08	163.9°/ 56.2°	145

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy..(98)	3235	8049	119400	474.67	1.58e-06	260.8°/ 56.2°	131
2	CSX60S100 PRO (sy..(82)	87	76620	889900	371.67	1.74e-08	115.1°/ 47.4°	75
3	CSX60S200 PRO (LU.(84)	110	27520	145800	169.53	1.35e-07	119.4°/ 56.8°	75
4	CSX60S100 PRO (sy(114)	907	7983	35660	142.95	1.61e-06	208.1°/ 52.7°	126
5	CSX60S300 PRO (LU.(88)	69	14620	25780	56.43	4.79e-07	125.6°/ 66.8°	75
6	CSX60S300 PRO (LU.(71)	19	49020	65170	42.54	4.26e-08	3.8°/ 68.0°	84
7	CSX60S200 PRO (LU.(68)	72	10390	10970	33.80	9.49e-07	350.6°/ 56.8°	83
8	LED Floodlight - ... (230)	187	14360	13760	30.66	4.96e-07	181.0°/ 0.0°	165
9	LED Floodlight - ... (233)	188	15020	13850	29.51	4.54e-07	185.0°/ 0.0°	173
10	CSX60S100 PRO (sy..(66)	47	11780	9242	25.11	7.38e-07	354.9°/ 47.4°	83
11	CSX60S200 PRO (LU.(86)	39	8278	4669	18.05	1.49e-06	137.2°/ 65.9°	75
12	CSX60S100 PRO (sy(113)	61	9788	3621	11.84	1.07e-06	174.5°/ 47.2°	126
13	CSX60S200 PRO (LU.(70)	36	7021	2489	11.34	2.08e-06	332.8°/ 65.9°	83
14	CSX60S300 PRO (LU.(72)	28	8835	3056	11.07	1.31e-06	344.4°/ 66.8°	83
15	CSX60S100 PRO (sy..(97)	63	9499	3240	10.91	1.13e-06	295.5°/ 47.2°	131
16	CSX60S100 PRO (sy..(89)	84	11870	3605	9.72	7.27e-07	205.2°/ 50.4°	179
17	CSX60S100 PRO (sy..(73)	87	11880	3562	9.59	7.25e-07	264.8°/ 50.4°	183
18	CSX60S100 PRO (sy..(50)	98	15250	3997	8.38	4.40e-07	299.1°/ 52.7°	236
19	CSX60S200 PRO (LU(107)	17	25920	6394	7.89	1.52e-07	343.9°/ 56.2°	132
20	CSX60S100 PRO (sy..(90)	46	14670	3006	6.56	4.76e-07	174.9°/ 47.4°	180

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	CSX60S100 PRO (sy..(98)	194	8232	7544	29.33	1.51e-06	260.8°/ 56.2°	130
2	CSX60S100 PRO (sy..(66)	21	18010	9866	17.53	3.16e-07	354.9°/ 47.4°	82
3	LED Floodlight - ... (233)	68	18970	7956	13.42	2.84e-07	185.0°/ 0.0°	173
4	LED Floodlight - ... (230)	63	18390	7561	13.16	3.03e-07	181.0°/ 0.0°	166
5	CSX60S100 PRO (sy(114)	74	8211	3090	12.04	1.52e-06	208.1°/ 52.7°	125
6	CSX60S300 PRO (LU.(88)	4	27510	5733	6.67	1.35e-07	125.6°/ 66.8°	73
7	CSX60S100 PRO (sy..(73)	58	12170	2489	6.55	6.92e-07	264.8°/ 50.4°	183
8	CSX60S100 PRO (sy..(89)	54	12170	2460	6.47	6.91e-07	205.2°/ 50.4°	179
9	CSX60S100 PRO (sy..(50)	71	15530	3012	6.21	4.24e-07	299.1°/ 52.7°	236
10	CSX60S100 PRO (sy(113)	26	10340	1736	5.37	9.58e-07	174.5°/ 47.2°	125
11	CSX60S100 PRO (sy..(97)	24	9927	1344	4.33	1.04e-06	295.5°/ 47.2°	131
12	CSX60S100 PRO (sy..(57)	21	36370	4863	4.28	7.74e-08	206.5°/ 47.2°	237
13	CSX60S100 PRO (sy..(25)	55	18650	2335	4.01	2.94e-07	296.2°/ 50.4°	283
14	CSX60S100 PRO (sy..(18)	21	21430	2476	3.70	2.23e-07	206.1°/ 47.4°	195
15	CSX60S100 PRO (sy..(90)	23	15330	1675	3.50	4.36e-07	174.9°/ 47.4°	179
16	CSX60S200 PRO (LU(125)	4	36700	3709	3.23	7.60e-08	135.8°/ 64.7°	126
17	CSX60S100 PRO (sy..(74)	23	14550	1444	3.18	4.84e-07	295.1°/ 47.4°	183
18	CSX60S200 PRO (LU.(86)	4	9287	701	2.41	1.19e-06	137.2°/ 65.9°	74
19	CSX60S100 PRO (sy..(49)	24	16410	1151	2.24	3.80e-07	265.5°/ 47.2°	236
20	CSX60S300 PRO (LU.(72)	4	9638	560	1.86	1.10e-06	344.4°/ 66.8°	82

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S100 PRO (sy..(98)	1749	7527	69760	296.59	1.81e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(114)	534	8643	20460	75.76	1.37e-06	208.1°/ 52.7°	138
3	CSX60S200 PRO (LU.(70)	18	37130	57390	49.46	7.43e-08	332.8°/ 65.9°	65
4	LED Floodlight - ... (230)	179	13070	14050	34.40	6.00e-07	181.0°/ 0.0°	146
5	LED Floodlight - ... (233)	180	13330	13970	33.53	5.76e-07	185.0°/ 0.0°	150
6	CSX60S100 PRO (sy..(34)	120	12150	7447	19.62	6.94e-07	351.8°/ 56.2°	153
7	CSX60S100 PRO (sy..(82)	51	9970	5328	17.10	1.03e-06	115.1°/ 47.4°	97
8	CSX60S100 PRO (sy(121)	32	29710	14080	15.16	1.16e-07	115.5°/ 47.2°	139
9	CSX60S100 PRO (sy..(97)	60	10140	4291	13.55	9.97e-07	295.5°/ 47.2°	118
10	CSX60S100 PRO (sy..(33)	28	35530	14680	13.22	8.11e-08	26.5°/ 47.2°	153
11	CSX60S300 PRO (LU.(16)	5	297200	111100	11.96	1.16e-09	36.6°/ 66.8°	206
12	CSX60S100 PRO (sy..(50)	107	13210	4515	10.94	5.87e-07	299.1°/ 52.7°	201
13	CSX60S100 PRO (sy..(73)	84	11690	3779	10.34	7.49e-07	264.8°/ 50.4°	172
14	CSX60S100 PRO (sy..(17)	27	33640	10710	10.19	9.05e-08	175.8°/ 50.4°	168
15	CSX60S100 PRO (sy(113)	64	9532	2990	10.04	1.13e-06	174.5°/ 47.2°	138
16	CSX60S100 PRO (sy..(89)	89	11990	3584	9.56	7.12e-07	205.2°/ 50.4°	187
17	LED Floodlight - ... (228)	40	15410	4477	9.30	4.31e-07	100.0°/ 0.0°	143
18	CSX60S200 PRO (LU.(19)	14	56130	15140	8.63	3.25e-08	172.4°/ 57.6°	168
19	CSX60S300 PRO (LU.(87)	17	12870	3010	7.48	6.18e-07	106.2°/ 68.0°	96
20	CSX60S100 PRO (sy..(74)	41	15180	3083	6.50	4.44e-07	295.1°/ 47.4°	173

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy..(33)	23	97680	93760	30.71	1.07e-08	26.5°/ 47.2°	152
2	CSX60S100 PRO (sy(121)	23	66740	52330	25.09	2.30e-08	115.5°/ 47.2°	138
3	CSX60S100 PRO (sy..(98)	124	7733	5284	21.87	1.71e-06	260.8°/ 56.2°	117
4	CSX60S100 PRO (sy..(17)	23	49940	19980	12.80	4.11e-08	175.8°/ 50.4°	168
5	CSX60S100 PRO (sy(114)	77	8866	3130	11.30	1.30e-06	208.1°/ 52.7°	137
6	LED Floodlight - ... (233)	42	18040	5925	10.51	3.15e-07	185.0°/ 0.0°	150
7	LED Floodlight - ... (230)	38	17960	5604	9.99	3.18e-07	181.0°/ 0.0°	146
8	CSX60S100 PRO (sy..(82)	23	11510	3306	9.19	7.73e-07	115.1°/ 47.4°	96
9	CSX60S100 PRO (sy..(34)	48	12640	3239	8.20	6.41e-07	351.8°/ 56.2°	152
10	CSX60S300 PRO (LU.(39)	3	161500	38360	7.60	3.93e-09	27.4°/ 67.1°	152
11	CSX60S100 PRO (sy..(50)	67	13500	2960	7.02	5.62e-07	299.1°/ 52.7°	201
12	CSX60S100 PRO (sy..(89)	59	12270	2495	6.51	6.81e-07	205.2°/ 50.4°	186
13	CSX60S100 PRO (sy..(73)	48	12020	2268	6.04	7.09e-07	264.8°/ 50.4°	172
14	CSX60S100 PRO (sy..(97)	24	10910	1985	5.82	8.60e-07	295.5°/ 47.2°	117
15	CSX60S100 PRO (sy..(10)	22	35090	6210	5.66	8.31e-08	26.1°/ 47.4°	206
16	CSX60S100 PRO (sy..(25)	52	16160	2225	4.41	3.92e-07	296.2°/ 50.4°	244
17	CSX60S100 PRO (sy..(57)	23	24330	3308	4.35	1.73e-07	206.5°/ 47.2°	202
18	CSX60S100 PRO (sy(113)	25	9899	1251	4.04	1.05e-06	174.5°/ 47.2°	137
19	CSX60S100 PRO (sy..(18)	23	15250	1897	3.98	4.40e-07	206.1°/ 47.4°	167
20	CSX60S100 PRO (sy..(74)	23	16010	1974	3.94	3.99e-07	295.1°/ 47.4°	172

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy..(98)	826	7876	35570	144.52	1.65e-06	260.8°/ 56.2°	119
2	CSX60S100 PRO (sy(114)	445	9331	17300	59.33	1.18e-06	208.1°/ 52.7°	148
3	CSX60S100 PRO (sy..(81)	45	46380	77570	53.52	4.76e-08	86.8°/ 50.4°	111
4	LED Floodlight - ... (233)	178	13100	14270	34.86	5.97e-07	185.0°/ 0.0°	145
5	LED Floodlight - ... (230)	173	13050	14120	34.62	6.01e-07	181.0°/ 0.0°	143
6	LED Floodlight - ... (228)	71	14170	6880	15.53	5.10e-07	100.0°/ 0.0°	142
7	CSX60S100 PRO (sy..(82)	56	10330	4802	14.87	9.59e-07	115.1°/ 47.4°	110
8	CSX60S100 PRO (sy..(50)	113	12590	4850	12.33	6.46e-07	299.1°/ 52.7°	189
9	CSX60S100 PRO (sy..(97)	48	11550	4441	12.31	7.68e-07	295.5°/ 47.2°	119
10	LED Floodlight - ... (234)	52	14850	5536	11.93	4.64e-07	101.0°/ 0.0°	143
11	CSX60S100 PRO (sy..(73)	81	12070	3832	10.16	7.02e-07	264.8°/ 50.4°	173
12	CSX60S100 PRO (sy(113)	68	9983	3010	9.65	1.03e-06	174.5°/ 47.2°	148
13	CSX60S100 PRO (sy(121)	29	22330	6460	9.26	2.05e-07	115.5°/ 47.2°	149
14	CSX60S100 PRO (sy..(89)	89	12420	3545	9.13	6.64e-07	205.2°/ 50.4°	194
15	CSX60S100 PRO (sy..(17)	28	22880	5541	7.75	1.96e-07	175.8°/ 50.4°	160
16	CSX60S100 PRO (sy..(18)	45	12900	2839	7.04	6.15e-07	206.1°/ 47.4°	160
17	CSX60S100 PRO (sy..(25)	77	14960	3175	6.79	4.57e-07	296.2°/ 50.4°	230
18	CSX60S100 PRO (sy..(74)	38	16550	3420	6.61	3.74e-07	295.1°/ 47.4°	173
19	CSX60S100 PRO (sy..(49)	59	12500	2482	6.35	6.56e-07	265.5°/ 47.2°	190
20	CSX60S100 PRO (sy..(90)	55	13780	2703	6.27	5.39e-07	174.9°/ 47.4°	194

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, li(2103.00m / 679.50m / 22.20m)

1	CSX60S100 PRO (sy..(98)	76	8194	3587	14.01	1.53e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(114)	70	9636	2933	9.74	1.10e-06	208.1°/ 52.7°	147
3	CSX60S100 PRO (sy(121)	21	30280	8563	9.05	1.12e-07	115.5°/ 47.2°	148
4	CSX60S100 PRO (sy..(17)	23	28630	7288	8.15	1.25e-07	175.8°/ 50.4°	160
5	CSX60S100 PRO (sy..(34)	35	12000	2668	7.11	7.11e-07	351.8°/ 56.2°	136
6	CSX60S100 PRO (sy..(10)	21	38050	8305	6.98	7.07e-08	26.1°/ 47.4°	189
7	CSX60S100 PRO (sy..(50)	59	12980	2698	6.65	6.08e-07	299.1°/ 52.7°	189
8	CSX60S100 PRO (sy..(82)	21	11740	2355	6.42	7.43e-07	115.1°/ 47.4°	110
9	CSX60S100 PRO (sy..(97)	21	13150	2546	6.20	5.92e-07	295.5°/ 47.2°	118
10	CSX60S100 PRO (sy..(89)	51	12770	2158	5.41	6.28e-07	205.2°/ 50.4°	194
11	CSX60S100 PRO (sy..(73)	36	12540	1854	4.73	6.51e-07	264.8°/ 50.4°	172
12	CSX60S200 PRO (LU(101)	4	44530	6228	4.48	5.16e-08	315.8°/ 64.7°	118
13	CSX60S100 PRO (sy..(74)	23	17990	2440	4.34	3.16e-07	295.1°/ 47.4°	173
14	CSX60S200 PRO (LU(197)	4	516600	63780	3.95	3.84e-10	46.8°/ 64.7°	429
15	CSX60S100 PRO (sy..(18)	23	13740	1693	3.94	5.42e-07	206.1°/ 47.4°	160
16	CSX60S100 PRO (sy..(25)	43	15350	1854	3.87	4.35e-07	296.2°/ 50.4°	230
17	CSX60S100 PRO (sy..(57)	21	21190	2552	3.85	2.28e-07	206.5°/ 47.2°	190
18	CSX60S100 PRO (sy(194)	73	30060	3498	3.72	1.13e-07	351.8°/ 56.2°	429
19	CSX60S100 PRO (sy(113)	25	10430	1209	3.71	9.42e-07	174.5°/ 47.2°	147
20	CSX60S100 PRO (sy... (9)	25	16080	1775	3.53	3.96e-07	355.8°/ 50.4°	189

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S200 PRO (LU.(99)	48	47580	65830	44.28	4.52e-08	306.1°/ 56.2°	127
2	CSX60S100 PRO (sy..(98)	242	9266	12670	43.75	1.19e-06	260.8°/ 56.2°	127
3	CSX60S200 PRO (LU.(83)	41	54040	62870	37.23	3.51e-08	81.4°/ 57.6°	137
4	LED Floodlight - ... (233)	145	13670	13120	30.71	5.48e-07	185.0°/ 0.0°	142
5	LED Floodlight - ... (230)	135	14050	12620	28.74	5.19e-07	181.0°/ 0.0°	143
6	CSX60S100 PRO (sy(114)	232	10840	9402	27.75	8.71e-07	208.1°/ 52.7°	168
7	LED Floodlight - ... (228)	115	13450	9572	22.78	5.66e-07	100.0°/ 0.0°	146
8	CSX60S100 PRO (sy..(34)	84	10280	6940	21.61	9.70e-07	351.8°/ 56.2°	112
9	LED Floodlight - ... (234)	98	13570	8608	20.30	5.56e-07	101.0°/ 0.0°	143
10	CSX60S100 PRO (sy..(50)	108	11850	5014	13.53	7.29e-07	299.1°/ 52.7°	172
11	CSX60S100 PRO (sy..(81)	31	24210	9532	12.60	1.75e-07	86.8°/ 50.4°	137
12	CSX60S100 PRO (sy..(97)	31	17430	5727	10.51	3.37e-07	295.5°/ 47.2°	127
13	CSX60S100 PRO (sy..(82)	53	11740	3822	10.42	7.44e-07	115.1°/ 47.4°	137
14	CSX60S100 PRO (sy..(10)	27	30920	9844	10.19	1.07e-07	26.1°/ 47.4°	161
15	CSX60S100 PRO (sy..(73)	72	13330	3923	9.42	5.76e-07	264.8°/ 50.4°	178
16	CSX60S100 PRO (sy... (9)	57	13540	3906	9.23	5.59e-07	355.8°/ 50.4°	161
17	CSX60S200 PRO (LU.(12)	13	58410	16510	9.05	3.00e-08	30.4°/ 56.8°	161
18	CSX60S100 PRO (sy..(18)	54	11150	2849	8.18	8.24e-07	206.1°/ 47.4°	151
19	CSX60S100 PRO (sy(113)	66	11130	2835	8.15	8.26e-07	174.5°/ 47.2°	168
20	CSX60S100 PRO (sy..(17)	37	15760	3930	7.98	4.12e-07	175.8°/ 50.4°	152

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, lir(2077.50m / 697.00m / 22.10m)

1	CSX60S200 PRO (LU(142)	4	10120000	17520000	55.40	1.00e-12	48.2°/ 65.9°	507
2	CSX60S100 PRO (sy..(81)	23	41070	20590	16.04	6.07e-08	86.8°/ 50.4°	136
3	CSX60S200 PRO (LU.(85)	4	206400	101200	15.69	2.40e-09	84.0°/ 63.4°	136
4	CSX60S100 PRO (sy..(10)	23	55680	27300	15.69	3.30e-08	26.1°/ 47.4°	161
5	CSX60S100 PRO (sy..(98)	56	9720	3262	10.74	1.08e-06	260.8°/ 56.2°	126
6	CSX60S100 PRO (sy..(97)	22	23430	7511	10.26	1.87e-07	295.5°/ 47.2°	126
7	CSX60S100 PRO (sy(114)	68	11170	2923	8.37	8.20e-07	208.1°/ 52.7°	168
8	CSX60S100 PRO (sy..(34)	26	11340	2607	7.36	7.96e-07	351.8°/ 56.2°	111
9	CSX60S100 PRO (sy..(50)	50	12290	2474	6.44	6.78e-07	299.1°/ 52.7°	172
10	CSX60S100 PRO (sy(121)	23	22500	4062	5.78	2.02e-07	115.5°/ 47.2°	169
11	CSX60S100 PRO (sy..(17)	23	17600	3015	5.48	3.31e-07	175.8°/ 50.4°	151
12	CSX60S100 PRO (sy..(74)	23	23760	4060	5.47	1.81e-07	295.1°/ 47.4°	178
13	CSX60S100 PRO (sy..(89)	53	13830	2241	5.19	5.35e-07	205.2°/ 50.4°	210
14	CSX60S100 PRO (sy..(82)	23	12750	2006	5.04	6.30e-07	115.1°/ 47.4°	136
15	CSX60S100 PRO (sy..(57)	23	16620	2114	4.07	3.71e-07	206.5°/ 47.2°	173
16	CSX60S100 PRO (sy... (9)	23	14420	1836	4.07	4.92e-07	355.8°/ 50.4°	161
17	CSX60S100 PRO (sy..(25)	40	14010	1781	4.07	5.22e-07	296.2°/ 50.4°	207
18	CSX60S100 PRO (sy..(73)	30	13910	1760	4.05	5.29e-07	264.8°/ 50.4°	178
19	CSX60S100 PRO (sy(194)	72	28030	3476	3.97	1.30e-07	351.8°/ 56.2°	398
20	CSX60S100 PRO (sy..(18)	23	11760	1385	3.77	7.40e-07	206.1°/ 47.4°	151

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S200 PRO (LU...(3)	20	42370	58350	44.06	5.70e-08	119.6°/ 57.6°	77
2	LED Floodlight - ... (228)	130	15040	10370	22.06	4.53e-07	100.0°/ 0.0°	166
3	LED Floodlight - ... (234)	121	14540	9842	21.66	4.84e-07	101.0°/ 0.0°	159
4	CSX60S100 PRO (sy..(74)	26	60760	23340	12.29	2.77e-08	295.1°/ 47.4°	200
5	LED Floodlight - ... (233)	45	19530	7242	11.87	2.68e-07	185.0°/ 0.0°	153
6	CSX60S100 PRO (sy..(98)	61	14640	5329	11.65	4.78e-07	260.8°/ 56.2°	155
7	LED Floodlight - ... (230)	43	20850	7123	10.93	2.36e-07	181.0°/ 0.0°	160
8	CSX60S100 PRO (sy(114)	97	14210	4308	9.70	5.07e-07	208.1°/ 52.7°	210
9	CSX60S100 PRO (sy..(17)	57	11870	3411	9.20	7.27e-07	175.8°/ 50.4°	151
10	CSX60S100 PRO (sy..(18)	59	10150	2591	8.17	9.94e-07	206.1°/ 47.4°	151
11	CSX60S100 PRO (sy..(81)	28	24750	4804	6.21	1.67e-07	86.8°/ 50.4°	186
12	CSX60S100 PRO (sy..(89)	73	16070	3074	6.12	3.97e-07	205.2°/ 50.4°	245
13	CSX60S100 PRO (sy..(73)	43	17710	3276	5.92	3.27e-07	264.8°/ 50.4°	199
14	CSX60S100 PRO (sy..(82)	42	15050	2694	5.73	4.52e-07	115.1°/ 47.4°	186
15	CSX60S100 PRO (sy(113)	55	13850	2328	5.38	5.33e-07	174.5°/ 47.2°	210
16	CSX60S100 PRO (sy(121)	32	20440	2968	4.65	2.45e-07	115.5°/ 47.2°	211
17	CSX60S100 PRO (sy..(90)	50	16410	2198	4.29	3.80e-07	174.9°/ 47.4°	245
18	CSX60S300 PRO (LU(104)	8	34340	3719	3.47	8.68e-08	281.8°/ 67.9°	155
19	CSX60S200 PRO (LU(124)	7	46750	3440	2.35	4.69e-08	92.4°/ 58.6°	211
20	CSX60S200 PRO (LU(100)	6	25190	1541	1.96	1.61e-07	278.4°/ 58.6°	155

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	CSX60S100 PRO (sy..(74)	23	92170	48390	16.80	1.21e-08	295.1°/ 47.4°	199
2	LED Floodlight - ... (228)	80	16930	8059	15.24	3.57e-07	100.0°/ 0.0°	166
3	LED Floodlight - ... (234)	71	16500	7425	14.40	3.76e-07	101.0°/ 0.0°	159
4	CSX60S100 PRO (sy..(98)	41	15040	3787	8.06	4.53e-07	260.8°/ 56.2°	155
5	CSX60S100 PRO (sy(114)	74	14360	3350	7.46	4.96e-07	208.1°/ 52.7°	210
6	CSX60S100 PRO (sy..(17)	41	12130	2595	6.85	6.96e-07	175.8°/ 50.4°	151
7	CSX60S100 PRO (sy..(81)	25	26160	4823	5.90	1.50e-07	86.8°/ 50.4°	186
8	CSX60S100 PRO (sy..(89)	65	16210	2783	5.49	3.90e-07	205.2°/ 50.4°	245
9	CSX60S100 PRO (sy..(73)	34	18090	2721	4.81	3.13e-07	264.8°/ 50.4°	199
10	CSX60S100 PRO (sy..(18)	31	10310	1399	4.34	9.63e-07	206.1°/ 47.4°	151
11	CSX60S100 PRO (sy..(82)	29	15350	1916	3.99	4.35e-07	115.1°/ 47.4°	186
12	LED Floodlight - ... (233)	11	26500	3195	3.86	1.46e-07	185.0°/ 0.0°	153
13	CSX60S100 PRO (sy(121)	25	20980	2405	3.67	2.33e-07	115.5°/ 47.2°	211
14	LED Floodlight - ... (230)	10	28250	3135	3.55	1.28e-07	181.0°/ 0.0°	160
15	CSX60S100 PRO (sy(113)	31	14010	1363	3.11	5.22e-07	174.5°/ 47.2°	210
16	CSX60S100 PRO (sy..(90)	31	16580	1403	2.71	3.72e-07	174.9°/ 47.4°	245
17	CSX60S300 PRO (LU(104)	4	38610	2540	2.10	6.87e-08	281.8°/ 67.9°	155
18	CSX60S200 PRO (LU.(85)	4	28270	1016	1.15	1.28e-07	84.0°/ 63.4°	186
19	CSX60S300 PRO (LU.(79)	4	29800	913	0.98	1.15e-07	286.2°/ 68.0°	199
20	CSX60S200 PRO (LU(124)	2	52770	1323	0.80	3.68e-08	92.4°/ 58.6°	211

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy..(58)	421	19260	18190	30.22	2.76e-07	171.8°/ 56.2°	290
2	LED Floodlight - ... (234)	204	30450	14650	15.40	1.10e-07	101.0°/ 0.0°	355
3	LED Floodlight - ... (228)	202	31440	14540	14.80	1.04e-07	100.0°/ 0.0°	366
4	CSX60S100 PRO (sy..(42)	46	23250	4631	6.37	1.89e-07	120.2°/ 56.2°	230
5	CSX60S100 PRO (sy..(25)	26	46290	7930	5.48	4.78e-08	296.2°/ 50.4°	261
6	CSX60S100 PRO (sy..(17)	73	21520	3092	4.60	2.21e-07	175.8°/ 50.4°	327
7	CSX60S100 PRO (sy... (1)	37	26610	3378	4.06	1.45e-07	116.2°/ 50.4°	276
8	CSX60S100 PRO (sy..(26)	40	22040	2772	4.02	2.11e-07	265.9°/ 47.4°	261
9	CSX60S100 PRO (sy..(57)	53	19090	2251	3.77	2.81e-07	206.5°/ 47.2°	290
10	CSX60S100 PRO (sy..(49)	32	28430	3008	3.39	1.27e-07	265.5°/ 47.2°	290
11	CSX60S100 PRO (sy..(98)	26	52180	5315	3.26	3.76e-08	260.8°/ 56.2°	363
12	CSX60S100 PRO (sy..(89)	67	30760	3021	3.14	1.08e-07	205.2°/ 50.4°	454
13	CSX60S100 PRO (sy..(18)	48	21840	2095	3.07	2.15e-07	206.1°/ 47.4°	327
14	CSX60S300 PRO (LU.(48)	5	109700	10250	2.99	8.51e-09	99.2°/ 67.9°	231
15	CSX60S100 PRO (sy..(73)	26	53040	4565	2.75	3.64e-08	264.8°/ 50.4°	396
16	CSX60S100 PRO (sy..(90)	44	30090	1897	2.02	1.13e-07	174.9°/ 47.4°	454
17	CSX60S200 PRO (LU.(27)	5	63150	2595	1.32	2.57e-08	299.6°/ 57.6°	261
18	CSX60S200 PRO (LU.(52)	5	69350	2514	1.16	2.13e-08	288.6°/ 58.6°	290
19	CSX60S200 PRO (LU.(29)	4	49170	1565	1.02	4.24e-08	297.0°/ 63.4°	260
20	CSX60S300 PRO (LU...(7)	4	57700	1780	0.99	3.08e-08	94.8°/ 68.0°	277

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	LED Floodlight - ... (234)	137	33540	11960	11.41	9.10e-08	101.0°/ 0.0°	355
2	LED Floodlight - ... (228)	137	34540	11910	11.04	8.58e-08	100.0°/ 0.0°	366
3	CSX60S100 PRO (sy..(58)	110	19530	4901	8.03	2.69e-07	171.8°/ 56.2°	289
4	CSX60S100 PRO (sy..(25)	21	54350	9025	5.31	3.47e-08	296.2°/ 50.4°	260
5	CSX60S100 PRO (sy(194)	27	24030	3509	4.67	1.77e-07	351.8°/ 56.2°	207
6	CSX60S100 PRO (sy(178)	67	20560	2993	4.66	2.42e-07	299.1°/ 52.7°	303
7	CSX60S100 PRO (sy..(42)	31	24290	3354	4.42	1.74e-07	120.2°/ 56.2°	230
8	CSX60S100 PRO (sy(162)	35	23480	3192	4.35	1.86e-07	351.8°/ 56.2°	244
9	CSX60S100 PRO (sy..(17)	58	21830	2512	3.68	2.15e-07	175.8°/ 50.4°	327
10	CSX60S300 PRO (LU.(48)	3	189200	19860	3.36	2.86e-09	99.2°/ 67.9°	230
11	CSX60S100 PRO (sy..(98)	24	55370	5529	3.20	3.34e-08	260.8°/ 56.2°	363
12	CSX60S100 PRO (sy(114)	61	29920	2975	3.18	1.14e-07	208.1°/ 52.7°	425
13	CSX60S100 PRO (sy(153)	52	22990	2253	3.14	1.94e-07	296.2°/ 50.4°	345
14	CSX60S100 PRO (sy... (1)	27	27640	2667	3.09	1.34e-07	116.2°/ 50.4°	276
15	CSX60S100 PRO (sy..(81)	22	65120	5564	2.73	2.41e-08	86.8°/ 50.4°	402
16	CSX60S100 PRO (sy(137)	27	27720	2314	2.67	1.33e-07	355.8°/ 50.4°	293
17	CSX60S100 PRO (sy..(89)	57	31090	2594	2.67	1.06e-07	205.2°/ 50.4°	454
18	CSX60S100 PRO (sy..(73)	23	55960	4538	2.60	3.27e-08	264.8°/ 50.4°	396
19	CSX60S100 PRO (sy..(26)	25	22760	1833	2.58	1.98e-07	265.9°/ 47.4°	260
20	CSX60S100 PRO (sy..(49)	23	29600	2381	2.57	1.17e-07	265.5°/ 47.2°	290

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 2.30m) **d/m²**

1	CSX60S100 PRO (sy..(58)	1709	15370	65750	136.91	4.34e-07	171.8°/ 56.2°	245
2	CSX60S200 PRO (LU.(43)	26	157300	149300	30.36	4.14e-09	74.9°/ 56.2°	205
3	CSX60S100 PRO (sy..(42)	175	15210	9367	19.71	4.43e-07	120.2°/ 56.2°	205
4	LED Floodlight - ... (234)	207	28450	15070	16.95	1.27e-07	101.0°/ 0.0°	329
5	LED Floodlight - ... (228)	204	29650	14970	16.16	1.17e-07	100.0°/ 0.0°	342
6	CSX60S100 PRO (sy..(73)	25	134600	32580	7.75	5.65e-09	264.8°/ 50.4°	369
7	CSX60S100 PRO (sy..(41)	28	30030	5833	6.22	1.14e-07	85.5°/ 47.2°	205
8	CSX60S100 PRO (sy..(17)	81	18850	3279	5.57	2.88e-07	175.8°/ 50.4°	293
9	CSX60S100 PRO (sy..(26)	34	21510	3685	5.48	2.21e-07	265.9°/ 47.4°	203
10	CSX60S100 PRO (sy... (1)	60	19990	3409	5.46	2.56e-07	116.2°/ 50.4°	261
11	CSX60S100 PRO (sy..(57)	60	16560	2673	5.17	3.73e-07	206.5°/ 47.2°	245
12	CSX60S100 PRO (sy..(49)	26	35300	5313	4.82	8.22e-08	265.5°/ 47.2°	246
13	CSX60S200 PRO (LU(126)	4	637400	95040	4.77	2.52e-10	71.6°/ 62.9°	415
14	CSX60S100 PRO (sy... (2)	27	33060	4290	4.15	9.37e-08	85.9°/ 47.4°	261
15	CSX60S100 PRO (sy(114)	68	31280	3741	3.83	1.05e-07	208.1°/ 52.7°	415
16	CSX60S100 PRO (sy..(18)	49	20470	2339	3.66	2.44e-07	206.1°/ 47.4°	293
17	CSX60S100 PRO (sy(122)	27	64890	6463	3.19	2.43e-08	80.8°/ 56.2°	416
18	CSX60S100 PRO (sy..(89)	60	30970	2987	3.09	1.07e-07	205.2°/ 50.4°	434
19	CSX60S100 PRO (sy..(81)	31	41820	3217	2.46	5.86e-08	86.8°/ 50.4°	403
20	CSX60S100 PRO (sy..(82)	40	30220	2218	2.35	1.12e-07	115.1°/ 47.4°	403

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O(1846.55m / 848.55m / 14.30m)**cd/m²**

1	CSX60S100 PRO (sy..(58)	227	15570	9006	18.50	4.22e-07	171.8°/ 56.2°	244
2	CSX60S100 PRO (sy..(73)	22	325200	165200	16.26	9.68e-10	264.8°/ 50.4°	369
3	LED Floodlight - ... (234)	121	31650	10900	11.02	1.02e-07	101.0°/ 0.0°	329
4	LED Floodlight - ... (228)	121	32860	10940	10.65	9.49e-08	100.0°/ 0.0°	342
5	CSX60S100 PRO (sy..(42)	80	15560	4499	9.25	4.23e-07	120.2°/ 56.2°	204
6	CSX60S100 PRO (sy..(41)	23	34660	6312	5.83	8.53e-08	85.5°/ 47.2°	205
7	CSX60S100 PRO (sy..(17)	65	19120	2722	4.56	2.80e-07	175.8°/ 50.4°	293
8	CSX60S100 PRO (sy..(49)	22	39490	5549	4.50	6.57e-08	265.5°/ 47.2°	245
9	CSX60S100 PRO (sy..(26)	23	23020	2953	4.10	1.93e-07	265.9°/ 47.4°	203
10	CSX60S100 PRO (sy... (1)	41	20470	2468	3.86	2.44e-07	116.2°/ 50.4°	261
11	CSX60S100 PRO (sy... (2)	23	35760	4293	3.84	8.01e-08	85.9°/ 47.4°	261
12	CSX60S100 PRO (sy(114)	52	31710	2947	2.97	1.02e-07	208.1°/ 52.7°	415
13	CSX60S100 PRO (sy(122)	23	69000	6307	2.92	2.15e-08	80.8°/ 56.2°	415
14	CSX60S100 PRO (sy..(89)	49	31350	2500	2.55	1.04e-07	205.2°/ 50.4°	434
15	CSX60S100 PRO (sy..(57)	26	16900	1200	2.27	3.59e-07	206.5°/ 47.2°	244
16	CSX60S100 PRO (sy..(81)	25	43100	2788	2.07	5.51e-08	86.8°/ 50.4°	402
17	CSX60S100 PRO (sy..(18)	26	20860	1264	1.94	2.35e-07	206.1°/ 47.4°	293
18	CSX60S200 PRO (LU.(77)	4	187100	11300	1.93	2.93e-09	264.0°/ 63.4°	369
19	CSX60S100 PRO (sy(121)	26	33660	1679	1.60	9.04e-08	115.5°/ 47.2°	415
20	CSX60S100 PRO (sy..(82)	26	30700	1469	1.53	1.09e-07	115.1°/ 47.4°	402

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1739	15720	66640	135.63	4.14e-07	171.8°/ 56.2°	251
2	CSX60S100 PRO (sy(194)	144	10420	9270	28.45	9.42e-07	351.8°/ 56.2°	128
3	CSX60S100 PRO (sy(193)	35	36140	27380	24.24	7.84e-08	26.5°/ 47.2°	128
4	CSX60S100 PRO (sy(162)	158	13040	8753	21.48	6.02e-07	351.8°/ 56.2°	173
5	CSX60S100 PRO (sy..(42)	175	15650	9279	18.98	4.18e-07	120.2°/ 56.2°	213
6	LED Floodlight - ... (234)	205	29160	15050	16.51	1.20e-07	101.0°/ 0.0°	336
7	LED Floodlight - ... (228)	203	30370	14950	15.75	1.11e-07	100.0°/ 0.0°	349
8	CSX60S100 PRO (sy(210)	135	12430	5891	15.17	6.63e-07	299.1°/ 52.7°	186
9	CSX60S100 PRO (sy(178)	131	14200	5335	12.02	5.08e-07	299.1°/ 52.7°	220
10	CSX60S300 PRO (LU(199)	8	68740	22980	10.70	2.17e-08	27.4°/ 67.1°	128
11	CSX60S100 PRO (sy..(73)	25	175700	54370	9.90	3.32e-09	264.8°/ 50.4°	376
12	CSX60S100 PRO (sy(146)	52	12620	3114	7.90	6.43e-07	206.1°/ 47.4°	162
13	CSX60S100 PRO (sy(161)	27	27540	6672	7.75	1.35e-07	26.5°/ 47.2°	173
14	CSX60S100 PRO (sy(145)	31	20530	4830	7.53	2.43e-07	175.8°/ 50.4°	162
15	CSX60S100 PRO (sy(209)	65	12180	2735	7.18	6.90e-07	265.5°/ 47.2°	186
16	CSX60S200 PRO (LU.(43)	10	90940	18340	6.45	1.24e-08	74.9°/ 56.2°	213
17	CSX60S100 PRO (sy(137)	57	17630	3305	6.00	3.29e-07	355.8°/ 50.4°	229
18	CSX60S100 PRO (sy(153)	77	17210	3136	5.83	3.46e-07	296.2°/ 50.4°	267
19	CSX60S100 PRO (sy(217)	36	18070	3291	5.83	3.14e-07	206.5°/ 47.2°	187
20	CSX60S100 PRO (sy..(41)	27	30130	5351	5.68	1.13e-07	85.5°/ 47.2°	213

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 14.30m)**I cd/m²**

1	CSX60S100 PRO (sy..(58)	236	15930	9299	18.68	4.04e-07	171.8°/ 56.2°	250
2	LED Floodlight - ... (234)	121	32390	10920	10.79	9.76e-08	101.0°/ 0.0°	336
3	CSX60S100 PRO (sy(194)	51	10920	3621	10.61	8.58e-07	351.8°/ 56.2°	127
4	CSX60S100 PRO (sy..(73)	16	302600	99360	10.51	1.12e-09	264.8°/ 50.4°	376
5	LED Floodlight - ... (228)	121	33600	10950	10.43	9.07e-08	100.0°/ 0.0°	349
6	CSX60S100 PRO (sy(162)	65	13430	3825	9.11	5.67e-07	351.8°/ 56.2°	173
7	CSX60S100 PRO (sy..(42)	82	16000	4550	9.10	4.00e-07	120.2°/ 56.2°	212
8	CSX60S100 PRO (sy(210)	66	12720	3052	7.68	6.33e-07	299.1°/ 52.7°	186
9	CSX60S100 PRO (sy(161)	21	34190	8047	7.53	8.76e-08	26.5°/ 47.2°	173
10	CSX60S100 PRO (sy(178)	72	14460	3064	6.78	4.90e-07	299.1°/ 52.7°	219
11	CSX60S100 PRO (sy(145)	23	23250	4703	6.47	1.89e-07	175.8°/ 50.4°	161
12	CSX60S100 PRO (sy..(41)	22	34220	5553	5.19	8.74e-08	85.5°/ 47.2°	212
13	CSX60S100 PRO (sy..(49)	23	43390	6626	4.89	5.44e-08	265.5°/ 47.2°	251
14	CSX60S200 PRO (LU.(77)	4	469600	68580	4.67	4.64e-10	264.0°/ 63.4°	376
15	CSX60S100 PRO (sy(153)	59	17490	2489	4.55	3.35e-07	296.2°/ 50.4°	266
16	CSX60S100 PRO (sy..(17)	65	19560	2723	4.45	2.68e-07	175.8°/ 50.4°	300
17	CSX60S100 PRO (sy(185)	23	29450	4081	4.43	1.18e-07	206.5°/ 47.2°	220
18	CSX60S100 PRO (sy(138)	22	32700	4371	4.28	9.58e-08	26.1°/ 47.4°	229
19	CSX60S100 PRO (sy..(26)	23	24720	3241	4.19	1.68e-07	265.9°/ 47.4°	208
20	CSX60S100 PRO (sy(146)	26	13180	1685	4.09	5.90e-07	206.1°/ 47.4°	161

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **lx/m²**

1	CSX60S100 PRO (sy..(58)	1553	16750	59390	113.49	3.65e-07	171.8°/ 56.2°	268
2	CSX60S100 PRO (sy..(42)	162	16910	8389	15.87	3.58e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	185	31480	14190	14.42	1.03e-07	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	183	32700	14110	13.81	9.57e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(73)	13	241100	46060	6.11	1.76e-09	264.8°/ 50.4°	394
6	CSX60S100 PRO (sy..(49)	25	48730	8118	5.33	4.31e-08	265.5°/ 47.2°	269
7	CSX60S100 PRO (sy..(26)	28	27750	4289	4.95	1.33e-07	265.9°/ 47.4°	223
8	CSX60S100 PRO (sy..(41)	27	31570	4853	4.92	1.03e-07	85.5°/ 47.2°	232
9	CSX60S200 PRO (LU.(43)	12	69100	10610	4.91	2.14e-08	74.9°/ 56.2°	232
10	CSX60S100 PRO (sy..(17)	77	20520	3139	4.90	2.43e-07	175.8°/ 50.4°	318
11	CSX60S100 PRO (sy... (1)	55	21920	3109	4.54	2.13e-07	116.2°/ 50.4°	289
12	CSX60S100 PRO (sy..(57)	50	18470	2310	4.00	3.00e-07	206.5°/ 47.2°	267
13	CSX60S100 PRO (sy... (2)	28	35340	4015	3.64	8.20e-08	85.9°/ 47.4°	289
14	CSX60S100 PRO (sy(114)	61	33840	3452	3.26	8.94e-08	208.1°/ 52.7°	443
15	CSX60S100 PRO (sy..(18)	42	22630	2097	2.97	2.00e-07	206.1°/ 47.4°	318
16	CSX60S100 PRO (sy..(89)	57	33280	2884	2.77	9.25e-08	205.2°/ 50.4°	461
17	CSX60S100 PRO (sy(122)	26	66000	5566	2.70	2.35e-08	80.8°/ 56.2°	443
18	CSX60S100 PRO (sy..(81)	30	44440	3094	2.23	5.19e-08	86.8°/ 50.4°	432
19	CSX60S100 PRO (sy..(82)	37	32330	2010	1.99	9.80e-08	115.1°/ 47.4°	432
20	CSX60S100 PRO (sy(113)	41	29680	1791	1.93	1.16e-07	174.5°/ 47.2°	443

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	437	16850	16950	32.20	3.61e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy..(42)	118	17080	6231	11.67	3.51e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	140	33070	11840	11.46	9.36e-08	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	140	34290	11840	11.05	8.71e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(49)	23	52780	8666	5.25	3.68e-08	265.5°/ 47.2°	268
6	CSX60S100 PRO (sy..(41)	24	33170	4839	4.67	9.31e-08	85.5°/ 47.2°	232
7	CSX60S100 PRO (sy..(17)	72	20650	2960	4.59	2.40e-07	175.8°/ 50.4°	318
8	CSX60S100 PRO (sy..(26)	24	28950	3992	4.41	1.22e-07	265.9°/ 47.4°	222
9	CSX60S100 PRO (sy... (1)	48	22150	2749	3.97	2.09e-07	116.2°/ 50.4°	289
10	CSX60S100 PRO (sy... (2)	24	36460	3662	3.21	7.70e-08	85.9°/ 47.4°	289
11	CSX60S100 PRO (sy(114)	54	34060	3098	2.91	8.82e-08	208.1°/ 52.7°	443
12	CSX60S100 PRO (sy(122)	26	67680	5857	2.77	2.24e-08	80.8°/ 56.2°	443
13	CSX60S100 PRO (sy..(57)	33	18650	1548	2.66	2.94e-07	206.5°/ 47.2°	267
14	CSX60S100 PRO (sy..(89)	51	33480	2636	2.52	9.14e-08	205.2°/ 50.4°	461
15	CSX60S100 PRO (sy..(18)	30	22830	1535	2.15	1.96e-07	206.1°/ 47.4°	318
16	CSX60S200 PRO (LU(126)	4	281600	17750	2.02	1.29e-09	71.6°/ 62.9°	443
17	CSX60S100 PRO (sy..(81)	27	45050	2827	2.01	5.05e-08	86.8°/ 50.4°	431
18	CSX60S100 PRO (sy..(82)	29	32570	1620	1.59	9.66e-08	115.1°/ 47.4°	431
19	CSX60S200 PRO (LU.(43)	3	87730	4258	1.55	1.33e-08	74.9°/ 56.2°	232
20	CSX60S100 PRO (sy(121)	27	35330	1683	1.52	8.20e-08	115.5°/ 47.2°	443

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1547	16680	59070	113.29	3.68e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(194)	113	9361	8224	28.11	1.17e-06	351.8°/ 56.2°	108
3	CSX60S100 PRO (sy(162)	142	11690	8194	22.43	7.49e-07	351.8°/ 56.2°	152
4	CSX60S100 PRO (sy..(42)	168	16820	8638	16.43	3.62e-07	120.2°/ 56.2°	232
5	LED Floodlight - ... (234)	185	31510	14200	14.42	1.03e-07	101.0°/ 0.0°	355
6	LED Floodlight - ... (228)	183	32730	14120	13.80	9.56e-08	100.0°/ 0.0°	368
7	CSX60S100 PRO (sy(210)	109	11790	5007	13.59	7.36e-07	299.1°/ 52.7°	172
8	CSX60S100 PRO (sy(178)	110	13230	4605	11.14	5.85e-07	299.1°/ 52.7°	202
9	CSX60S100 PRO (sy(161)	27	27410	8475	9.89	1.36e-07	26.5°/ 47.2°	152
10	CSX60S100 PRO (sy(146)	54	11320	2865	8.10	7.99e-07	206.1°/ 47.4°	153
11	CSX60S100 PRO (sy(145)	37	16180	3977	7.86	3.91e-07	175.8°/ 50.4°	153
12	CSX60S100 PRO (sy(209)	63	11230	2647	7.54	8.11e-07	265.5°/ 47.2°	172
13	CSX60S100 PRO (sy(137)	55	16120	3259	6.47	3.94e-07	355.8°/ 50.4°	207
14	CSX60S100 PRO (sy(153)	77	16010	3143	6.28	4.00e-07	296.2°/ 50.4°	247
15	CSX60S100 PRO (sy(217)	37	15460	2895	5.99	4.28e-07	206.5°/ 47.2°	172
16	CSX60S100 PRO (sy(177)	56	13440	2393	5.70	5.67e-07	265.5°/ 47.2°	202
17	CSX60S300 PRO (LU(200)	12	16260	2765	5.44	3.87e-07	12.8°/ 67.9°	108
18	CSX60S100 PRO (sy..(49)	25	50490	8531	5.41	4.02e-08	265.5°/ 47.2°	268
19	CSX60S100 PRO (sy(138)	26	27920	4685	5.37	1.31e-07	26.1°/ 47.4°	207
20	CSX60S100 PRO (sy..(26)	28	28150	4409	5.01	1.29e-07	265.9°/ 47.4°	221

I(p) IO 11 Schwarzkehlchenweg 2 No (1823.52m / 868.48m / 10.20m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	432	16780	16710	31.86	3.63e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(194)	61	9642	4751	15.77	1.10e-06	351.8°/ 56.2°	108
3	CSX60S100 PRO (sy(162)	89	11890	5352	14.41	7.24e-07	351.8°/ 56.2°	152
4	CSX60S100 PRO (sy..(42)	121	16980	6317	11.90	3.55e-07	120.2°/ 56.2°	232
5	LED Floodlight - ... (234)	140	33100	11850	11.46	9.35e-08	101.0°/ 0.0°	355
6	LED Floodlight - ... (228)	140	34330	11850	11.05	8.69e-08	100.0°/ 0.0°	368
7	CSX60S100 PRO (sy(161)	23	31800	9870	9.93	1.01e-07	26.5°/ 47.2°	152
8	CSX60S100 PRO (sy(210)	72	11940	3437	9.21	7.18e-07	299.1°/ 52.7°	171
9	CSX60S100 PRO (sy(178)	79	13360	3402	8.15	5.74e-07	299.1°/ 52.7°	202
10	CSX60S100 PRO (sy(145)	28	16850	3320	6.30	3.61e-07	175.8°/ 50.4°	153
11	CSX60S100 PRO (sy(153)	69	16140	2880	5.71	3.93e-07	296.2°/ 50.4°	247
12	CSX60S100 PRO (sy..(49)	23	55090	9333	5.42	3.37e-08	265.5°/ 47.2°	268
13	CSX60S100 PRO (sy(146)	34	11540	1910	5.30	7.69e-07	206.1°/ 47.4°	153
14	CSX60S100 PRO (sy(137)	43	16370	2658	5.20	3.82e-07	355.8°/ 50.4°	207
15	CSX60S100 PRO (sy(138)	24	29500	4700	5.10	1.18e-07	26.1°/ 47.4°	207
16	CSX60S100 PRO (sy..(41)	25	32310	4669	4.62	9.81e-08	85.5°/ 47.2°	232
17	CSX60S100 PRO (sy(217)	27	15880	2279	4.59	4.06e-07	206.5°/ 47.2°	172
18	CSX60S100 PRO (sy..(17)	72	20630	2955	4.58	2.41e-07	175.8°/ 50.4°	317
19	CSX60S100 PRO (sy(209)	37	11380	1580	4.44	7.91e-07	265.5°/ 47.2°	171
20	CSX60S100 PRO (sy..(26)	23	29440	4050	4.40	1.18e-07	265.9°/ 47.4°	221

I(p) IO 12 Schwarzkehlchenweg 12 E (1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(58)	1414	18250	53740	94.25	3.08e-07	171.8°/ 56.2°	292
2	CSX60S100 PRO (sy(210)	109	11560	5636	15.60	7.67e-07	299.1°/ 52.7°	159
3	CSX60S100 PRO (sy(178)	117	12270	5118	13.35	6.80e-07	299.1°/ 52.7°	183
4	CSX60S100 PRO (sy(145)	57	13080	4193	10.26	5.98e-07	175.8°/ 50.4°	151
5	CSX60S100 PRO (sy(218)	29	27220	8128	9.56	1.38e-07	171.8°/ 56.2°	159
6	CSX60S100 PRO (sy(146)	61	10410	2852	8.77	9.46e-07	206.1°/ 47.4°	150
7	CSX60S100 PRO (sy(209)	66	10420	2779	8.54	9.44e-07	265.5°/ 47.2°	159
8	CSX60S100 PRO (sy(217)	46	12760	2865	7.19	6.29e-07	206.5°/ 47.2°	159
9	CSX60S300 PRO (LU.(31)	6	210200	45090	6.86	2.32e-09	274.8°/ 68.0°	244
10	CSX60S100 PRO (sy..(49)	24	77100	16300	6.76	1.72e-08	265.5°/ 47.2°	294
11	CSX60S100 PRO (sy..(26)	26	37580	6041	5.14	7.25e-08	265.9°/ 47.4°	245
12	CSX60S100 PRO (sy..(57)	45	20580	2180	3.39	2.42e-07	206.5°/ 47.2°	292
13	CSX60S200 PRO (LL(150)	19	8959	655	2.34	1.28e-06	228.2°/ 65.9°	150
14	CSX60S300 PRO (LU.(55)	4	73900	2598	1.13	1.88e-08	264.6°/ 67.1°	293
15	CSX60S200 PRO (LL(149)	4	12580	307	0.78	6.47e-07	175.0°/ 63.4°	151
16	CSX60S300 PRO (LL(224)	4	13980	314	0.72	5.24e-07	192.8°/ 67.9°	160
17	CSX60S200 PRO (LL(214)	4	12140	258	0.68	6.95e-07	309.4°/ 62.9°	158
18	CSX60S200 PRO (LL(220)	3	17280	360	0.67	3.43e-07	183.4°/ 58.6°	160
19	CSX60S300 PRO (LL(223)	4	11600	217	0.60	7.61e-07	207.4°/ 67.1°	159
20	CSX60S300 PRO (LL(151)	4	9978	180	0.58	1.03e-06	197.2°/ 68.0°	151

I(p) IO 12 Schwarzkehlchenweg 12 O (1798.31m / 885.65m / 9.90m) **m²**

1	CSX60S100 PRO (sy(161)	26	93930	143300	48.82	1.16e-08	26.5°/ 47.2°	125
2	CSX60S100 PRO (sy..(58)	491	18350	18910	32.98	3.04e-07	171.8°/ 56.2°	292
3	CSX60S100 PRO (sy(162)	78	10420	5329	16.36	9.43e-07	351.8°/ 56.2°	125
4	CSX60S100 PRO (sy(194)	36	9623	4528	15.06	1.11e-06	351.8°/ 56.2°	85
5	CSX60S100 PRO (sy..(42)	124	18830	6290	10.69	2.89e-07	120.2°/ 56.2°	261
6	LED Floodlight - ... (234)	139	35860	11910	10.63	7.96e-08	101.0°/ 0.0°	383
7	LED Floodlight - ... (228)	140	37090	11920	10.28	7.44e-08	100.0°/ 0.0°	396
8	CSX60S100 PRO (sy(210)	65	11740	3510	9.57	7.43e-07	299.1°/ 52.7°	158
9	CSX60S100 PRO (sy(218)	24	30030	8425	8.98	1.14e-07	171.8°/ 56.2°	159
10	CSX60S100 PRO (sy(178)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183
11	CSX60S100 PRO (sy..(49)	23	91260	22120	7.76	1.23e-08	265.5°/ 47.2°	293
12	CSX60S100 PRO (sy(145)	37	13430	2869	6.84	5.68e-07	175.8°/ 50.4°	150
13	CSX60S100 PRO (sy(138)	23	28630	5923	6.62	1.25e-07	26.1°/ 47.4°	178
14	CSX60S100 PRO (sy(153)	68	14690	2893	6.30	4.74e-07	296.2°/ 50.4°	223
15	CSX60S100 PRO (sy(137)	43	14480	2808	6.21	4.89e-07	355.8°/ 50.4°	178
16	CSX60S100 PRO (sy(146)	38	10580	1870	5.66	9.15e-07	206.1°/ 47.4°	150
17	CSX60S100 PRO (sy(209)	40	10560	1742	5.28	9.18e-07	265.5°/ 47.2°	158
18	CSX60S100 PRO (sy(217)	31	13040	2031	4.98	6.02e-07	206.5°/ 47.2°	159
19	CSX60S100 PRO (sy..(26)	24	39940	6194	4.96	6.42e-08	265.9°/ 47.4°	244
20	CSX60S100 PRO (sy(185)	27	18380	2592	4.51	3.03e-07	206.5°/ 47.2°	184

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LI(164)	79	20860	51440	78.89	2.35e-07	3.4°/ 58.6°	81
2	CSX60S100 PRO (sy..(58)	1143	21540	43460	64.57	2.21e-07	171.8°/ 56.2°	345
3	CSX60S100 PRO (sy(162)	55	9836	8028	26.12	1.06e-06	351.8°/ 56.2°	81
4	CSX60S100 PRO (sy(138)	32	35110	24920	22.71	8.30e-08	26.1°/ 47.4°	125
5	CSX60S100 PRO (sy(129)	48	10060	5856	18.63	1.01e-06	116.2°/ 50.4°	90
6	CSX60S100 PRO (sy(178)	105	11720	5757	15.72	7.46e-07	299.1°/ 52.7°	157
7	CSX60S100 PRO (sy(218)	80	13240	6144	14.85	5.84e-07	171.8°/ 56.2°	149
8	CSX60S100 PRO (sy(137)	62	10980	4708	13.72	8.49e-07	355.8°/ 50.4°	125
9	CSX60S100 PRO (sy..(42)	185	22420	8935	12.75	2.04e-07	120.2°/ 56.2°	319
10	LED Floodlight - ... (234)	173	39850	13880	11.15	6.45e-08	101.0°/ 0.0°	439
11	CSX60S100 PRO (sy(210)	55	13900	4684	10.78	5.30e-07	299.1°/ 52.7°	149
12	LED Floodlight - ... (228)	172	41080	13840	10.78	6.07e-08	100.0°/ 0.0°	453
13	CSX60S200 PRO (LI(131)	30	9212	3064	10.64	1.21e-06	119.6°/ 57.6°	90
14	CSX60S100 PRO (sy(145)	75	11600	3733	10.30	7.61e-07	175.8°/ 50.4°	163
15	CSX60S100 PRO (sy(153)	78	12350	3436	8.90	6.71e-07	296.2°/ 50.4°	184
16	CSX60S100 PRO (sy(217)	61	10270	2851	8.88	9.71e-07	206.5°/ 47.2°	149
17	CSX60S100 PRO (sy(177)	67	10330	2852	8.84	9.60e-07	265.5°/ 47.2°	157
18	CSX60S100 PRO (sy(209)	59	10440	2846	8.72	9.40e-07	265.5°/ 47.2°	149
19	CSX60S100 PRO (sy(146)	68	10630	2836	8.54	9.07e-07	206.1°/ 47.4°	162
20	CSX60S100 PRO (sy(186)	30	22370	5965	8.53	2.05e-07	171.8°/ 56.2°	157

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy(138)	26	73480	88370	38.48	1.90e-08	26.1°/ 47.4°	124
2	CSX60S200 PRO (LI(164)	14	44180	42350	30.68	5.25e-08	3.4°/ 58.6°	80
3	CSX60S100 PRO (sy..(58)	403	21640	15480	22.89	2.19e-07	171.8°/ 56.2°	345
4	CSX60S100 PRO (sy(162)	32	10770	5614	16.69	8.83e-07	351.8°/ 56.2°	80
5	CSX60S100 PRO (sy(129)	31	10870	4430	13.04	8.67e-07	116.2°/ 50.4°	89
6	CSX60S100 PRO (sy(218)	53	13560	4277	10.09	5.57e-07	171.8°/ 56.2°	149
7	CSX60S100 PRO (sy(178)	61	11910	3466	9.31	7.21e-07	299.1°/ 52.7°	156
8	LED Floodlight - ... (234)	136	41530	11860	9.14	5.94e-08	101.0°/ 0.0°	439
9	CSX60S100 PRO (sy(137)	40	11340	3226	9.11	7.97e-07	355.8°/ 50.4°	124
10	LED Floodlight - ... (228)	136	42760	11840	8.86	5.60e-08	100.0°/ 0.0°	453
11	CSX60S100 PRO (sy..(42)	121	22580	5937	8.42	2.01e-07	120.2°/ 56.2°	319
12	CSX60S100 PRO (sy..(26)	23	99290	26080	8.41	1.04e-08	265.9°/ 47.4°	294
13	CSX60S100 PRO (sy(186)	26	23890	5828	7.81	1.79e-07	171.8°/ 56.2°	157
14	CSX60S100 PRO (sy(145)	56	11780	2853	7.75	7.38e-07	175.8°/ 50.4°	162
15	CSX60S100 PRO (sy(210)	38	14310	3425	7.66	5.00e-07	299.1°/ 52.7°	149
16	CSX60S100 PRO (sy(153)	65	12500	2925	7.49	6.55e-07	296.2°/ 50.4°	184
17	CSX60S200 PRO (LI(190)	4	115400	23700	6.57	7.69e-09	162.6°/ 62.9°	157
18	CSX60S100 PRO (sy(217)	39	10440	1887	5.78	9.39e-07	206.5°/ 47.2°	149
19	CSX60S100 PRO (sy(209)	38	10620	1889	5.69	9.08e-07	265.5°/ 47.2°	149
20	CSX60S100 PRO (sy(177)	42	10480	1830	5.59	9.33e-07	265.5°/ 47.2°	156

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S200 PRO (LI(174)	26	50220	143400	91.37	4.06e-08	129.4°/ 62.9°	67
2	CSX60S300 PRO (LI(208)	44	43620	100700	73.88	5.38e-08	99.2°/ 67.9°	90
3	CSX60S100 PRO (sy..(58)	804	25000	30700	39.29	1.64e-07	171.8°/ 56.2°	400
4	CSX60S200 PRO (LI(139)	75	10000	11400	36.48	1.02e-06	352.4°/ 57.6°	80
5	CSX60S200 PRO (LI(132)	34	60570	63270	33.43	2.79e-08	81.6°/ 56.8°	138
6	CSX60S100 PRO (sy(218)	234	11430	11360	31.79	7.83e-07	171.8°/ 56.2°	162
7	CSX60S100 PRO (sy(202)	88	8848	8326	30.11	1.31e-06	120.2°/ 56.2°	90
8	CSX60S100 PRO (sy(137)	51	11080	9388	27.12	8.34e-07	355.8°/ 50.4°	80
9	CSX60S200 PRO (LI(204)	56	12340	10290	26.68	6.72e-07	108.6°/ 58.6°	90
10	CSX60S100 PRO (sy(186)	108	12670	7454	18.83	6.38e-07	171.8°/ 56.2°	151
11	CSX60S100 PRO (sy(129)	71	11610	4963	13.68	7.60e-07	116.2°/ 50.4°	138
12	CSX60S100 PRO (sy(130)	29	26840	10890	12.98	1.42e-07	85.9°/ 47.4°	138
13	CSX60S200 PRO (LI(141)	21	11290	4074	11.55	8.04e-07	355.0°/ 63.4°	80
14	CSX60S100 PRO (sy(153)	77	11620	4115	11.33	7.59e-07	296.2°/ 50.4°	157
15	CSX60S100 PRO (sy..(42)	192	26230	9025	11.01	1.49e-07	120.2°/ 56.2°	378
16	CSX60S100 PRO (sy(210)	28	30930	10090	10.44	1.07e-07	299.1°/ 52.7°	162
17	CSX60S100 PRO (sy(178)	48	14930	4651	9.97	4.59e-07	299.1°/ 52.7°	151
18	LED Floodlight - ... (234)	168	45430	13760	9.69	4.96e-08	101.0°/ 0.0°	496
19	LED Floodlight - ... (228)	168	46650	13740	9.42	4.71e-08	100.0°/ 0.0°	510
20	CSX60S100 PRO (sy(185)	66	10200	2969	9.31	9.83e-07	206.5°/ 47.2°	150

I(p) IO 14 Schwarzkehlchenweg 30 O(1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(218)	149	11580	7452	20.60	7.64e-07	171.8°/ 56.2°	162
2	CSX60S100 PRO (sy..(58)	383	25110	14750	18.80	1.62e-07	171.8°/ 56.2°	400
3	CSX60S100 PRO (sy(137)	29	12810	7363	18.40	6.24e-07	355.8°/ 50.4°	80
4	CSX60S100 PRO (sy(202)	46	9273	4860	16.77	1.19e-06	120.2°/ 56.2°	89
5	CSX60S100 PRO (sy(130)	24	32800	13330	13.01	9.52e-08	85.9°/ 47.4°	137
6	CSX60S200 PRO (LL(132)	8	97910	38760	12.67	1.07e-08	81.6°/ 56.8°	138
7	CSX60S100 PRO (sy(186)	67	12930	4837	11.97	6.13e-07	171.8°/ 56.2°	150
8	CSX60S100 PRO (sy(210)	23	35470	10960	9.89	8.14e-08	299.1°/ 52.7°	162
9	CSX60S300 PRO (LL(208)	5	49150	13870	9.03	4.24e-08	99.2°/ 67.9°	89
10	CSX60S100 PRO (sy(129)	43	11920	3144	8.44	7.21e-07	116.2°/ 50.4°	137
11	LED Floodlight - ... (234)	137	47140	12040	8.17	4.61e-08	101.0°/ 0.0°	496
12	CSX60S100 PRO (sy(153)	53	11810	2949	7.99	7.34e-07	296.2°/ 50.4°	157
13	LED Floodlight - ... (228)	137	48360	12040	7.97	4.38e-08	100.0°/ 0.0°	510
14	CSX60S100 PRO (sy(145)	68	12940	2971	7.35	6.12e-07	175.8°/ 50.4°	193
15	CSX60S100 PRO (sy(178)	34	15440	3500	7.26	4.30e-07	299.1°/ 52.7°	150
16	CSX60S100 PRO (sy..(42)	120	26380	5721	6.94	1.47e-07	120.2°/ 56.2°	377
17	CSX60S200 PRO (LL(139)	12	10940	2295	6.71	8.56e-07	352.4°/ 57.6°	80
18	CSX60S100 PRO (sy(185)	44	10360	2039	6.30	9.54e-07	206.5°/ 47.2°	150
19	CSX60S100 PRO (sy(177)	41	10920	2127	6.23	8.59e-07	265.5°/ 47.2°	150
20	CSX60S100 PRO (sy(154)	47	10500	2034	6.20	9.29e-07	265.9°/ 47.4°	157

I(p) IO 15 Schwarzkehlchenweg 44 E(1658.55m / 980.45m / 2.60m)²

1	CSX60S300 PRO (LL(176)	38	138300	868500	200.94	5.35e-09	99.2°/ 67.9°	90
2	CSX60S100 PRO (sy(218)	701	12220	29310	76.75	6.86e-07	171.8°/ 56.2°	187
3	CSX60S200 PRO (LL(172)	65	12770	12740	31.93	6.28e-07	108.6°/ 58.6°	90
4	CSX60S100 PRO (sy(186)	234	11500	11440	31.83	7.74e-07	171.8°/ 56.2°	163
5	CSX60S100 PRO (sy..(58)	677	27960	26010	29.77	1.31e-07	171.8°/ 56.2°	446
6	CSX60S100 PRO (sy(170)	85	8992	8331	29.65	1.27e-06	120.2°/ 56.2°	90
7	CSX60S100 PRO (sy(202)	152	10240	9388	29.34	9.77e-07	120.2°/ 56.2°	129
8	CSX60S100 PRO (sy(201)	34	28350	15840	17.88	1.27e-07	85.5°/ 47.2°	129
9	CSX60S300 PRO (LL(207)	12	48510	16780	11.07	4.35e-08	84.6°/ 67.1°	129
10	CSX60S100 PRO (sy(178)	29	29890	9454	10.12	1.15e-07	299.1°/ 52.7°	163
11	CSX60S100 PRO (sy(153)	55	13410	4236	10.11	5.70e-07	296.2°/ 50.4°	151
12	CSX60S100 PRO (sy..(42)	188	29410	8745	9.52	1.18e-07	120.2°/ 56.2°	426
13	CSX60S200 PRO (LL(212)	17	60120	17500	9.31	2.83e-08	288.6°/ 58.6°	187
14	CSX60S100 PRO (sy(154)	62	10500	2940	8.96	9.29e-07	265.9°/ 47.4°	151
15	CSX60S100 PRO (sy(185)	70	10590	2919	8.82	9.13e-07	206.5°/ 47.2°	162
16	LED Floodlight - ... (234)	163	50190	13560	8.65	4.06e-08	101.0°/ 0.0°	543
17	CSX60S100 PRO (sy(129)	63	14390	3808	8.47	4.95e-07	116.2°/ 50.4°	182
18	LED Floodlight - ... (228)	164	51400	13580	8.45	3.88e-08	100.0°/ 0.0°	557
19	CSX60S100 PRO (sy(177)	48	13320	3142	7.55	5.77e-07	265.5°/ 47.2°	163
20	CSX60S300 PRO (LL(136)	7	112800	26560	7.54	8.05e-09	75.4°/ 66.8°	183

I(p) IO 15 Schwarzkehlchenweg 44 O(1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(218)	300	12330	12820	33.27	6.73e-07	171.8°/ 56.2°	186
2	CSX60S100 PRO (sy(186)	150	11650	7562	20.78	7.55e-07	171.8°/ 56.2°	162
3	CSX60S100 PRO (sy(201)	26	38380	22530	18.78	6.95e-08	85.5°/ 47.2°	128
4	CSX60S100 PRO (sy(202)	93	10440	5993	18.36	9.39e-07	120.2°/ 56.2°	128
5	CSX60S100 PRO (sy(170)	45	9439	4903	16.62	1.15e-06	120.2°/ 56.2°	89
6	CSX60S100 PRO (sy..(58)	340	28060	13170	15.02	1.30e-07	171.8°/ 56.2°	446
7	CSX60S300 PRO (LL(207)	5	99710	30180	9.69	1.03e-08	84.6°/ 67.1°	129
8	CSX60S100 PRO (sy(178)	24	33860	10210	9.65	8.93e-08	299.1°/ 52.7°	162
9	CSX60S100 PRO (sy(153)	39	13780	3208	7.45	5.40e-07	296.2°/ 50.4°	150
10	LED Floodlight - ... (234)	135	51940	12020	7.40	3.80e-08	101.0°/ 0.0°	543
11	LED Floodlight - ... (228)	136	53140	12050	7.26	3.63e-08	100.0°/ 0.0°	557
12	CSX60S100 PRO (sy(154)	44	10670	2157	6.47	8.99e-07	265.9°/ 47.4°	150
13	CSX60S100 PRO (sy(145)	71	14890	2976	6.40	4.62e-07	175.8°/ 50.4°	227
14	CSX60S100 PRO (sy(130)	24	27640	5406	6.26	1.34e-07	85.9°/ 47.4°	182
15	CSX60S100 PRO (sy(129)	44	14640	2802	6.12	4.78e-07	116.2°/ 50.4°	182
16	CSX60S100 PRO (sy..(42)	120	29550	5636	6.10	1.17e-07	120.2°/ 56.2°	426
17	CSX60S200 PRO (LL(172)	11	14210	2660	5.99	5.07e-07	108.6°/ 58.6°	89
18	CSX60S100 PRO (sy(185)	46	10730	1992	5.94	8.89e-07	206.5°/ 47.2°	162
19	CSX60S100 PRO (sy(177)	35	13620	2404	5.65	5.52e-07	265.5°/ 47.2°	163
20	CSX60S300 PRO (LL(136)	3	162800	24730	4.86	3.86e-09	75.4°/ 66.8°	183

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy(202)	894	15240	36260	76.14	4.41e-07	120.2°/ 56.2°	236
2	CSX60S100 PRO (sy(170)	409	13800	18040	41.84	5.38e-07	120.2°/ 56.2°	205
3	CSX60S100 PRO (sy(186)	87	12850	7017	17.47	6.20e-07	171.8°/ 56.2°	142
4	CSX60S100 PRO (sy(137)	33	21720	4554	6.71	2.17e-07	355.8°/ 50.4°	182
5	CSX60S100 PRO (sy(138)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
6	CSX60S100 PRO (sy(169)	64	13440	2655	6.32	5.67e-07	85.5°/ 47.2°	206
7	CSX60S100 PRO (sy(161)	37	18910	3063	5.18	2.86e-07	26.5°/ 47.2°	206
8	CSX60S100 PRO (sy(201)	57	15700	2456	5.00	4.15e-07	85.5°/ 47.2°	237
9	CSX60S300 PRO (Ll(192)	12	25970	3982	4.91	1.52e-07	192.8°/ 67.9°	141
10	CSX60S100 PRO (sy(193)	29	26400	3526	4.27	1.47e-07	26.5°/ 47.2°	237
11	CSX60S200 PRO (Ll(188)	15	16450	2037	3.96	3.79e-07	183.4°/ 58.6°	141
12	CSX60S200 PRO (Ll(164)	6	35120	1740	1.59	8.30e-08	3.4°/ 58.6°	206
13	CSX60S300 PRO (Ll(200)	4	44500	1435	1.03	5.17e-08	12.8°/ 67.9°	238
14	CSX60S200 PRO (Ll(141)	5	21650	651	0.96	2.18e-07	355.0°/ 63.4°	182
15	CSX60S200 PRO (Ll(139)	4	23830	690	0.93	1.80e-07	352.4°/ 57.6°	182
16	CSX60S200 PRO (Ll(142)	9	11250	326	0.93	8.09e-07	48.2°/ 65.9°	181
17	CSX60S200 PRO (Ll(190)	4	11080	270	0.78	8.33e-07	162.6°/ 62.9°	141
18	CSX60S300 PRO (Ll(168)	4	23330	525	0.72	1.88e-07	12.8°/ 67.9°	206
19	CSX60S300 PRO (Ll(199)	4	24070	421	0.56	1.77e-07	27.4°/ 67.1°	237
20	CSX60S300 PRO (Ll(143)	4	13990	242	0.55	5.24e-07	17.2°/ 68.0°	182

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(217)	22	137700	120500	28.00	5.40e-09	206.5°/ 47.2°	183
2	CSX60S100 PRO (sy(202)	129	15480	5396	11.16	4.27e-07	120.2°/ 56.2°	236
3	CSX60S100 PRO (sy(170)	101	14070	4640	10.56	5.18e-07	120.2°/ 56.2°	205
4	CSX60S100 PRO (sy(186)	38	13580	3413	8.04	5.55e-07	171.8°/ 56.2°	141
5	CSX60S100 PRO (sy..(42)	202	31330	7872	8.04	1.04e-07	120.2°/ 56.2°	495
6	CSX60S100 PRO (sy(218)	54	15260	3694	7.74	4.39e-07	171.8°/ 56.2°	183
7	CSX60S100 PRO (sy(146)	23	42420	7334	5.53	5.69e-08	206.1°/ 47.4°	235
8	CSX60S100 PRO (sy(137)	23	23890	3979	5.33	1.79e-07	355.8°/ 50.4°	181
9	CSX60S100 PRO (sy(129)	60	18340	2560	4.47	3.04e-07	116.2°/ 50.4°	278
10	CSX60S100 PRO (sy..(58)	93	33390	4476	4.29	9.19e-08	171.8°/ 56.2°	475
11	CSX60S100 PRO (sy(145)	35	19580	2400	3.92	2.67e-07	175.8°/ 50.4°	235
12	CSX60S100 PRO (sy(193)	23	28200	3243	3.68	1.29e-07	26.5°/ 47.2°	237
13	LED Floodlight - ... (227)	65	58760	6429	3.50	2.97e-08	10.0°/ 0.0°	583
14	CSX60S100 PRO (sy(161)	24	19870	2150	3.46	2.59e-07	26.5°/ 47.2°	205
15	CSX60S100 PRO (sy(138)	24	14470	1515	3.35	4.89e-07	26.1°/ 47.4°	181
16	LED Floodlight - ... (226)	62	60750	6196	3.26	2.78e-08	9.0°/ 0.0°	598
17	CSX60S100 PRO (sy(169)	25	13750	1099	2.56	5.41e-07	85.5°/ 47.2°	205
18	CSX60S100 PRO (sy(201)	26	16030	1186	2.37	3.98e-07	85.5°/ 47.2°	236
19	CSX60S100 PRO (sy... (1)	60	36500	2549	2.23	7.69e-08	116.2°/ 50.4°	552
20	CSX60S300 PRO (Ll(192)	4	31370	2035	2.08	1.04e-07	192.8°/ 67.9°	141

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy(146)	27	270200	128100	45.52	1.26e-08	206.1°/ 47.4°	130
2	CSX60S100 PRO (sy(218)	51	39500	10560	25.66	5.91e-07	171.8°/ 56.2°	91
3	CSX60S100 PRO (sy(202)	171	37960	9417	23.81	6.40e-07	120.2°/ 56.2°	169
4	CSX60S100 PRO (sy(153)	45	36330	6583	17.39	6.98e-07	296.2°/ 50.4°	99
5	CSX60S200 PRO (Ll(155)	47	33040	5637	16.38	8.44e-07	299.6°/ 57.6°	99
6	CSX60S100 PRO (sy(162)	87	42770	6641	14.91	5.04e-07	351.8°/ 56.2°	162
7	CSX60S100 PRO (sy(145)	60	36210	5125	13.59	7.03e-07	175.8°/ 50.4°	129
8	CSX60S100 PRO (sy(170)	71	45290	6011	12.74	4.49e-07	120.2°/ 56.2°	162
9	CSX60S100 PRO (sy(137)	80	37180	4007	10.35	6.67e-07	355.8°/ 50.4°	173
10	CSX60S100 PRO (sy(129)	82	38920	3649	9.00	6.08e-07	116.2°/ 50.4°	192
11	CSX60S100 PRO (sy(161)	64	33250	2964	8.56	8.34e-07	26.5°/ 47.2°	161
12	CSX60S100 PRO (sy(201)	70	33380	2953	8.49	8.27e-07	85.5°/ 47.2°	169
13	CSX60S100 PRO (sy(138)	71	33920	2973	8.41	8.01e-07	26.1°/ 47.4°	173
14	CSX60S100 PRO (sy(169)	61	33880	2896	8.21	8.03e-07	85.5°/ 47.2°	162
15	CSX60S100 PRO (sy(194)	33	67350	5724	8.16	2.03e-07	351.8°/ 56.2°	169
16	CSX60S100 PRO (sy(193)	52	38660	2950	7.32	6.17e-07	26.5°/ 47.2°	169
17	CSX60S100 PRO (sy(130)	68	37610	2823	7.21	6.52e-07	85.9°/ 47.4°	192
18	CSX60S200 PRO (Ll(222)	17	29400	1906	6.22	1.07e-06	162.6°/ 62.9°	91
19	CSX60S300 PRO (Ll(151)	10	77380	3849	4.78	1.54e-07	197.2°/ 68.0°	129
20	CSX60S200 PRO (Ll(157)	12	35820	1732	4.64	7.18e-07	297.0°/ 63.4°	99

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy(218)	30	44600	8114	17.47	4.63e-07	171.8°/ 56.2°	90
2	CSX60S100 PRO (sy(202)	112	38480	6383	15.92	6.22e-07	120.2°/ 56.2°	168
3	CSX60S100 PRO (sy(153)	30	39550	5232	12.70	5.89e-07	296.2°/ 50.4°	99
4	CSX60S100 PRO (sy(162)	59	43680	4737	10.41	4.83e-07	351.8°/ 56.2°	161
5	CSX60S100 PRO (sy(145)	39	37470	3549	9.09	6.56e-07	175.8°/ 50.4°	129
6	CSX60S100 PRO (sy(170)	48	46400	4318	8.93	4.28e-07	120.2°/ 56.2°	161
7	CSX60S100 PRO (sy(137)	58	37700	2984	7.60	6.48e-07	355.8°/ 50.4°	173
8	CSX60S100 PRO (sy(129)	66	39360	3023	7.37	5.95e-07	116.2°/ 50.4°	192
9	CSX60S100 PRO (sy(194)	27	70940	5272	7.13	1.83e-07	351.8°/ 56.2°	169
10	CSX60S100 PRO (sy(161)	45	33730	2156	6.14	8.10e-07	26.5°/ 47.2°	161
11	CSX60S100 PRO (sy(169)	43	34390	2144	5.98	7.79e-07	85.5°/ 47.2°	161
12	CSX60S100 PRO (sy(138)	50	34330	2139	5.98	7.82e-07	26.1°/ 47.4°	173
13	CSX60S100 PRO (sy(201)	48	33800	2096	5.95	8.07e-07	85.5°/ 47.2°	168
14	CSX60S100 PRO (sy(193)	39	39370	2315	5.64	5.94e-07	26.5°/ 47.2°	168
15	CSX60S100 PRO (sy(130)	47	38020	2009	5.07	6.37e-07	85.9°/ 47.4°	192
16	CSX60S300 PRO (LL(151)	5	86460	2636	2.93	1.23e-07	197.2°/ 68.0°	129
17	CSX60S200 PRO (LL(155)	8	34870	1043	2.87	7.58e-07	299.6°/ 57.6°	99
18	CSX60S200 PRO (LL(198)	4	161900	4499	2.67	3.52e-08	342.6°/ 62.9°	169
19	CSX60S200 PRO (LL(157)	5	37740	797	2.03	6.47e-07	297.0°/ 63.4°	99
20	CSX60S200 PRO (LL(222)	5	30720	580	1.81	9.77e-07	162.6°/ 62.9°	90

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(210)	165	161400	2051000	1219.76	3.54e-08	299.1°/ 52.7°	48
2	CSX60S300 PRO (LL(151)	98	187800	927400	474.03	2.61e-08	197.2°/ 68.0°	64
3	CSX60S200 PRO (LL(214)	108	27630	38930	135.27	1.21e-06	309.4°/ 62.9°	48
4	CSX60S100 PRO (sy..(42)	1574	59550	59680	96.20	2.60e-07	120.2°/ 56.2°	319
5	CSX60S100 PRO (sy(177)	72	60210	48510	77.35	2.54e-07	265.5°/ 47.2°	76
6	CSX60S100 PRO (sy(178)	167	19210	11500	57.46	2.50e-06	299.1°/ 52.7°	76
7	CSX60S100 PRO (sy(145)	117	18590	10800	55.76	2.67e-06	175.8°/ 50.4°	64
8	CSX60S100 PRO (sy(162)	365	29560	16890	54.85	1.05e-06	351.8°/ 56.2°	143
9	CSX60S200 PRO (LL(147)	111	17470	9111	50.06	3.02e-06	172.4°/ 57.6°	64
10	CSX60S200 PRO (LL(149)	74	18390	6739	35.19	2.73e-06	175.0°/ 63.4°	64
11	CSX60S300 PRO (LL(184)	64	30360	10990	34.75	1.00e-06	279.2°/ 67.9°	77
12	CSX60S200 PRO (LL(180)	80	22630	7598	32.23	1.80e-06	288.6°/ 58.6°	76
13	CSX60S100 PRO (sy(194)	131	32330	8706	25.85	8.82e-07	351.8°/ 56.2°	130
14	CSX60S100 PRO (sy..(10)	28	581600	142800	23.57	2.72e-09	26.1°/ 47.4°	266
15	CSX60S100 PRO (sy..(58)	297	60830	13430	21.20	2.49e-07	171.8°/ 56.2°	298
16	CSX60S100 PRO (sy(170)	30	128700	26410	19.71	5.57e-08	120.2°/ 56.2°	144
17	CSX60S100 PRO (sy(153)	100	29740	5692	18.37	1.04e-06	296.2°/ 50.4°	130
18	CSX60S100 PRO (sy(129)	97	29470	4927	16.05	1.06e-06	116.2°/ 50.4°	136
19	CSX60S100 PRO (sy(202)	62	39190	6077	14.89	6.00e-07	120.2°/ 56.2°	131
20	CSX60S100 PRO (sy(193)	72	26230	3157	11.56	1.34e-06	26.5°/ 47.2°	130

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(177)	27	178600	161500	86.83	2.89e-08	265.5°/ 47.2°	76
2	CSX60S200 PRO (LL(214)	27	43840	25570	56.00	4.80e-07	309.4°/ 62.9°	47
3	CSX60S100 PRO (sy(162)	203	29930	9671	31.02	1.03e-06	351.8°/ 56.2°	143
4	CSX60S100 PRO (sy..(42)	504	59850	19320	30.99	2.57e-07	120.2°/ 56.2°	318
5	CSX60S100 PRO (sy(178)	75	19950	5699	27.43	2.32e-06	299.1°/ 52.7°	75
6	CSX60S100 PRO (sy(170)	26	208000	58160	26.85	2.13e-08	120.2°/ 56.2°	143
7	CSX60S100 PRO (sy(145)	47	19960	5155	24.80	2.31e-06	175.8°/ 50.4°	63
8	CSX60S100 PRO (sy(194)	80	33040	5598	16.27	8.44e-07	351.8°/ 56.2°	130
9	CSX60S100 PRO (sy..(58)	171	61230	7878	12.35	2.46e-07	171.8°/ 56.2°	297
10	CSX60S100 PRO (sy(153)	55	30380	3286	10.38	9.98e-07	296.2°/ 50.4°	129
11	CSX60S100 PRO (sy(202)	41	40580	4289	10.15	5.60e-07	120.2°/ 56.2°	130
12	CSX60S100 PRO (sy(129)	59	29990	3103	9.93	1.02e-06	116.2°/ 50.4°	136
13	CSX60S100 PRO (sy..(10)	12	483600	44660	8.87	3.94e-09	26.1°/ 47.4°	266
14	CSX60S100 PRO (sy(154)	26	53500	4818	8.65	3.22e-07	265.9°/ 47.4°	129
15	CSX60S100 PRO (sy(193)	52	26660	2372	8.54	1.30e-06	26.5°/ 47.2°	130
16	CSX60S100 PRO (sy(137)	72	35040	3051	8.36	7.51e-07	355.8°/ 50.4°	177
17	CSX60S100 PRO (sy(130)	55	27060	2351	8.34	1.26e-06	85.9°/ 47.4°	136
18	CSX60S100 PRO (sy(201)	46	28310	2367	8.03	1.15e-06	85.5°/ 47.2°	130
19	CSX60S100 PRO (sy(161)	54	28180	2281	7.77	1.16e-06	26.5°/ 47.2°	143
20	CSX60S100 PRO (sy(169)	35	37300	2554	6.57	6.62e-07	85.5°/ 47.2°	143

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy..(42)	1990	47820	74950	150.45	4.03e-07	120.2°/ 56.2°	257
2	CSX60S100 PRO (sy(162)	1359	35010	53550	146.84	7.52e-07	351.8°/ 56.2°	184
3	CSX60S100 PRO (sy(194)	512	30590	22230	69.75	9.85e-07	351.8°/ 56.2°	153
4	CSX60S100 PRO (sy(210)	153	21970	9510	41.55	1.91e-06	299.1°/ 52.7°	92
5	CSX60S100 PRO (sy..(58)	290	47510	13400	27.08	4.08e-07	171.8°/ 56.2°	230
6	CSX60S100 PRO (sy(209)	43	50300	13930	26.58	3.64e-07	265.5°/ 47.2°	92
7	CSX60S300 PRO (LL(215)	29	74490	20540	26.47	1.66e-07	264.6°/ 67.1°	92
8	CSX60S100 PRO (sy(178)	137	30350	7255	22.95	1.00e-06	299.1°/ 52.7°	137
9	CSX60S100 PRO (sy..(33)	27	303000	40560	12.85	1.00e-08	26.5°/ 47.2°	258
10	CSX60S100 PRO (sy(130)	63	28660	3250	10.89	1.12e-06	85.9°/ 47.4°	131
11	CSX60S100 PRO (sy(129)	44	40270	4534	10.81	5.68e-07	116.2°/ 50.4°	131
12	CSX60S200 PRO (LL(179)	19	97800	10640	10.44	9.64e-08	254.9°/ 56.2°	138
13	LED Floodlight - ... (227)	118	93340	9756	10.03	1.06e-07	10.0°/ 0.0°	338
14	CSX60S100 PRO (sy(193)	71	29780	2949	9.51	1.04e-06	26.5°/ 47.2°	153
15	LED Floodlight - ... (234)	93	107200	10320	9.25	8.03e-08	101.0°/ 0.0°	335
16	LED Floodlight - ... (228)	97	110700	10570	9.16	7.52e-08	100.0°/ 0.0°	349
17	LED Floodlight - ... (226)	110	98540	9311	9.07	9.49e-08	9.0°/ 0.0°	353
18	CSX60S200 PRO (LL(212)	29	24920	2309	8.89	1.48e-06	288.6°/ 58.6°	92
19	CSX60S300 PRO (LL(216)	24	30510	2807	8.83	9.90e-07	279.2°/ 67.9°	92
20	CSX60S100 PRO (sy(177)	30	52610	4837	8.83	3.33e-07	265.5°/ 47.2°	137

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S300 PRO (LU.(39)	4	30360000	63080000	199.48	1.00e-12	27.4°/ 67.1°	258
2	CSX60S100 PRO (sy..(33)	21	983500	330300	32.24	9.53e-10	26.5°/ 47.2°	257
3	CSX60S100 PRO (sy..(42)	401	48260	15420	30.67	3.96e-07	120.2°/ 56.2°	256
4	CSX60S100 PRO (sy(209)	24	85590	22870	25.65	1.26e-07	265.5°/ 47.2°	91
5	CSX60S100 PRO (sy(162)	195	35490	7917	21.42	7.32e-07	351.8°/ 56.2°	183
6	CSX60S100 PRO (sy(194)	131	31140	5948	18.34	9.50e-07	351.8°/ 56.2°	152
7	CSX60S100 PRO (sy(210)	51	23040	3568	14.87	1.74e-06	299.1°/ 52.7°	91
8	CSX60S100 PRO (sy..(58)	130	48130	6180	12.33	3.98e-07	171.8°/ 56.2°	230
9	CSX60S100 PRO (sy(178)	56	31210	3166	9.74	9.46e-07	299.1°/ 52.7°	137
10	CSX60S300 PRO (LL(215)	4	175300	16660	9.12	3.00e-08	264.6°/ 67.1°	92
11	CSX60S100 PRO (sy(177)	24	59130	4780	7.76	2.64e-07	265.5°/ 47.2°	137
12	CSX60S100 PRO (sy(129)	27	43120	3157	7.03	4.96e-07	116.2°/ 50.4°	130
13	CSX60S100 PRO (sy..(10)	23	114800	7732	6.47	7.00e-08	26.1°/ 47.4°	207
14	LED Floodlight - ... (227)	67	101800	6600	6.23	8.90e-08	10.0°/ 0.0°	338
15	LED Floodlight - ... (228)	58	124100	8004	6.19	5.99e-08	100.0°/ 0.0°	349
16	LED Floodlight - ... (234)	54	121000	7653	6.07	6.29e-08	101.0°/ 0.0°	335
17	CSX60S100 PRO (sy(137)	67	45000	2773	5.92	4.55e-07	355.8°/ 50.4°	230
18	LED Floodlight - ... (226)	63	107200	6290	5.63	8.02e-08	9.0°/ 0.0°	353
19	CSX60S100 PRO (sy(130)	30	29600	1703	5.52	1.05e-06	85.9°/ 47.4°	130
20	CSX60S100 PRO (sy(153)	45	44190	2526	5.49	4.72e-07	296.2°/ 50.4°	195

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy..(25)	202	11890	122300	329.12	7.24e-07	296.2°/ 50.4°	48
2	CSX60S200 PRO (LU.(27)	210	11290	113800	322.47	8.03e-07	299.6°/ 57.6°	48
3	CSX60S200 PRO (LU.(29)	65	30050	249200	265.41	1.13e-07	297.0°/ 63.4°	48
4	CSX60S300 PRO (LU.(64)	106	16210	72120	142.40	3.90e-07	192.8°/ 67.9°	61
5	CSX60S200 PRO (LU.(60)	148	7540	21800	92.52	1.80e-06	183.4°/ 58.6°	61
6	CSX60S100 PRO (sy..(58)	182	5699	15220	85.46	3.15e-06	171.8°/ 56.2°	62
7	CSX60S100 PRO (sy(194)	780	18420	29790	51.76	3.02e-07	351.8°/ 56.2°	295
8	CSX60S100 PRO (sy..(42)	278	9249	14000	48.44	1.20e-06	120.2°/ 56.2°	129
9	CSX60S200 PRO (LU.(62)	102	4965	6522	42.03	4.15e-06	162.6°/ 62.9°	61
10	CSX60S200 PRO (LU.(38)	12	167500	199500	38.10	3.65e-09	342.6°/ 62.9°	129
11	LED Floodlight - ... (227)	190	13930	13340	30.64	5.27e-07	10.0°/ 0.0°	164
12	CSX60S100 PRO (sy(162)	508	21310	19490	29.27	2.25e-07	351.8°/ 56.2°	340
13	LED Floodlight - ... (226)	176	15330	12680	26.47	4.36e-07	9.0°/ 0.0°	178
14	CSX60S100 PRO (sv..(17)	115	8771	6936	25.31	1.33e-06	175.8°/ 50.4°	112
15	CSX60S200 PRO (LU.(20)	46	20270	14680	23.18	2.49e-07	210.4°/ 56.8°	112
16	CSX60S100 PRO (sy... (9)	103	9672	6264	20.72	1.09e-06	355.8°/ 50.4°	123
17	LED Floodlight - ... (234)	83	17700	10500	18.98	3.27e-07	101.0°/ 0.0°	156
18	LED Floodlight - ... (228)	85	18930	10390	17.56	2.86e-07	100.0°/ 0.0°	170
19	CSX60S100 PRO (sy(106)	15	117700	55410	15.06	7.39e-09	29.2°/ 56.2°	192
20	CSX60S100 PRO (sy..(18)	35	15750	6849	13.91	4.13e-07	206.1°/ 47.4°	112

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy..(58)	33	6464	3738	18.50	2.45e-06	171.8°/ 56.2°	60
2	CSX60S100 PRO (sy..(42)	79	9563	4331	14.49	1.12e-06	120.2°/ 56.2°	128
3	LED Floodlight - ... (227)	60	17570	6676	12.16	3.32e-07	10.0°/ 0.0°	165
4	CSX60S100 PRO (sy(130)	23	98580	37170	12.07	1.05e-08	85.9°/ 47.4°	243
5	CSX60S100 PRO (sy..(18)	22	20680	7529	11.65	2.39e-07	206.1°/ 47.4°	111
6	LED Floodlight - ... (226)	58	19060	6505	10.92	2.82e-07	9.0°/ 0.0°	178
7	CSX60S100 PRO (sy..(34)	23	24170	7905	10.46	1.75e-07	351.8°/ 56.2°	128
8	CSX60S100 PRO (sy..(17)	37	9279	2535	8.74	1.19e-06	175.8°/ 50.4°	111
9	CSX60S100 PRO (sy... (1)	59	10620	2622	7.90	9.09e-07	116.2°/ 50.4°	157
10	CSX60S100 PRO (sy... (9)	37	10190	2508	7.87	9.86e-07	355.8°/ 50.4°	122
11	CSX60S100 PRO (sy(194)	114	18650	4452	7.64	2.94e-07	351.8°/ 56.2°	294
12	CSX60S100 PRO (sy(162)	122	21550	4794	7.12	2.21e-07	351.8°/ 56.2°	340
13	CSX60S100 PRO (sy(122)	72	20090	4204	6.70	2.54e-07	80.8°/ 56.2°	260
14	CSX60S100 PRO (sy..(65)	22	42960	8118	6.05	5.55e-08	25.2°/ 50.4°	219
15	CSX60S100 PRO (sy..(33)	26	10580	1754	5.30	9.14e-07	26.5°/ 47.2°	128
16	CSX60S100 PRO (sy..(10)	26	8444	1234	4.68	1.44e-06	26.1°/ 47.4°	122
17	CSX60S100 PRO (sy(210)	54	19270	2765	4.59	2.76e-07	299.1°/ 52.7°	267
18	CSX60S100 PRO (sy..(41)	26	8637	1172	4.34	1.37e-06	85.5°/ 47.2°	128
19	CSX60S100 PRO (sy(114)	24	37590	4846	4.12	7.25e-08	208.1°/ 52.7°	261
20	CSX60S100 PRO (sy..(81)	51	19860	2508	4.04	2.60e-07	86.8°/ 50.4°	281

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy..(49)	76	43970	334000	243.07	5.30e-08	265.5°/ 47.2°	66
2	CSX60S300 PRO (LU.(56)	95	12100	31160	82.43	7.00e-07	279.2°/ 67.9°	66
3	LED Floodlight - ... (227)	285	7313	17280	75.61	1.91e-06	10.0°/ 0.0°	93
4	CSX60S200 PRO (LU.(52)	133	7374	16300	70.74	1.88e-06	288.6°/ 58.6°	66
5	CSX60S100 PRO (sy..(50)	163	5917	12950	70.03	2.92e-06	299.1°/ 52.7°	66
6	LED Floodlight - ... (226)	278	8135	17090	67.23	1.55e-06	9.0°/ 0.0°	103
7	CSX60S100 PRO (sy..(34)	323	9211	15680	54.47	1.21e-06	351.8°/ 56.2°	131
8	CSX60S100 PRO (sy(122)	310	12200	14690	38.53	6.88e-07	80.8°/ 56.2°	175
9	CSX60S300 PRO (LU.(32)	24	70310	83940	38.20	2.07e-08	255.4°/ 66.8°	116
10	CSX60S100 PRO (sy..(66)	38	74660	86030	36.87	1.84e-08	354.9°/ 47.4°	156
11	CSX60S200 PRO (LU.(54)	89	5121	5233	32.70	3.91e-06	309.4°/ 62.9°	66
12	CSX60S200 PRO (LU(108)	64	19400	18070	29.81	2.72e-07	17.6°/ 58.6°	114
13	CSX60S100 PRO (sy(194)	484	23810	18670	25.09	1.81e-07	351.8°/ 56.2°	379
14	CSX60S100 PRO (sy..(25)	114	9008	6712	23.84	1.26e-06	296.2°/ 50.4°	116
15	LED Floodlight - ... (228)	48	10960	7522	21.96	8.53e-07	100.0°/ 0.0°	87
16	CSX60S200 PRO (LU.(28)	48	19230	12770	21.25	2.77e-07	261.6°/ 56.8°	116
17	CSX60S100 PRO (sy... (1)	97	9832	6200	20.18	1.06e-06	116.2°/ 50.4°	121
18	CSX60S100 PRO (sy(106)	65	12310	7472	19.43	6.76e-07	29.2°/ 56.2°	114
19	LED Floodlight - ... (234)	29	10310	5404	16.77	9.63e-07	101.0°/ 0.0°	75
20	CSX60S100 PRO (sy(162)	359	26880	13960	16.62	1.42e-07	351.8°/ 56.2°	426

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	LED Floodlight - ... (226)	52	11780	6649	18.07	7.38e-07	9.0°/ 0.0°	103
2	LED Floodlight - ... (227)	40	11140	5546	15.94	8.26e-07	10.0°/ 0.0°	93
3	CSX60S100 PRO (sy..(50)	30	6702	3210	15.33	2.28e-06	299.1°/ 52.7°	64
4	CSX60S100 PRO (sy..(34)	85	9506	4469	15.04	1.13e-06	351.8°/ 56.2°	130
5	CSX60S100 PRO (sy(122)	104	12480	5189	13.30	6.57e-07	80.8°/ 56.2°	174
6	CSX60S100 PRO (sy..(42)	22	31140	12070	12.40	1.06e-07	120.2°/ 56.2°	130
7	CSX60S100 PRO (sy(114)	23	48240	16790	11.14	4.40e-08	208.1°/ 52.7°	175
8	CSX60S100 PRO (sy(106)	31	13630	4391	10.31	5.52e-07	29.2°/ 56.2°	113
9	CSX60S100 PRO (sy..(26)	22	19600	6255	10.21	2.67e-07	265.9°/ 47.4°	115
10	CSX60S100 PRO (sy..(25)	38	9500	2558	8.62	1.13e-06	296.2°/ 50.4°	115
11	CSX60S100 PRO (sy... (9)	59	10840	2614	7.72	8.71e-07	355.8°/ 50.4°	162
12	CSX60S100 PRO (sy... (1)	34	10410	2489	7.65	9.46e-07	116.2°/ 50.4°	121
13	CSX60S100 PRO (sy(194)	128	24050	5049	6.72	1.77e-07	351.8°/ 56.2°	379
14	CSX60S300 PRO (LU.(56)	4	21040	4346	6.61	2.31e-07	279.2°/ 67.9°	65
15	CSX60S100 PRO (sy..(81)	62	13690	2736	6.40	5.47e-07	86.8°/ 50.4°	204
16	CSX60S100 PRO (sy..(65)	32	14970	2899	6.20	4.57e-07	25.2°/ 50.4°	155
17	CSX60S100 PRO (sy..(89)	28	16280	2857	5.61	3.86e-07	205.2°/ 50.4°	159
18	CSX60S100 PRO (sy(162)	120	27120	4750	5.60	1.39e-07	351.8°/ 56.2°	426
19	CSX60S100 PRO (sy..(41)	26	11030	1791	5.20	8.42e-07	85.5°/ 47.2°	130
20	CSX60S100 PRO (sy... (2)	27	8463	1311	4.96	1.43e-06	85.9°/ 47.4°	121

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy..(74)	804	30080	434500	2311.29	2.83e-06	295.1°/ 47.4°	26
2	CSX60S100 PRO (sy(106)	3950	23950	154300	1031.03	4.46e-06	29.2°/ 56.2°	76
3	CSX60S200 PRO (LU.(78)	368	28150	173100	983.98	3.23e-06	317.2°/ 65.9°	26
4	CSX60S100 PRO (sy(122)	3735	33170	142600	687.79	2.33e-06	80.8°/ 56.2°	106
5	CSX60S200 PRO (LU.(94)	2054	23800	73640	495.08	4.52e-06	152.8°/ 65.9°	79
6	CSX60S200 PRO (LL(110)	952	22730	33670	236.97	4.95e-06	38.4°/ 62.9°	76
7	CSX60S100 PRO (sy..(34)	1624	56370	63200	179.40	8.06e-07	351.8°/ 56.2°	179
8	LED Floodlight - ... (235)	224	32570	14550	71.47	2.41e-06	280.0°/ 0.0°	80
9	LED Floodlight - ... (225)	242	34570	15250	70.59	2.14e-06	280.0°/ 0.0°	86
10	LED Floodlight - ... (226)	170	35310	14430	65.38	2.05e-06	9.0°/ 0.0°	76
11	CSX60S100 PRO (sy..(90)	223	28220	11240	63.72	3.21e-06	174.9°/ 47.4°	79
12	CSX60S100 PRO (sy(105)	145	32060	10140	50.61	2.49e-06	354.5°/ 47.2°	76
13	LED Floodlight - ... (227)	120	42090	12990	49.38	1.44e-06	10.0°/ 0.0°	80
14	CSX60S200 PRO (LU.(91)	106	43800	12770	46.64	1.33e-06	208.6°/ 57.6°	79
15	CSX60S200 PRO (LL(107)	103	37220	9723	41.80	1.85e-06	343.9°/ 56.2°	76
16	CSX60S100 PRO (sy..(89)	93	40270	9444	37.52	1.58e-06	205.2°/ 50.4°	79
17	CSX60S200 PRO (LL(109)	62	49730	10430	33.55	1.03e-06	334.2°/ 64.7°	76
18	CSX60S200 PRO (LL(108)	107	25180	4634	29.44	4.04e-06	17.6°/ 58.6°	76
19	CSX60S100 PRO (sy..(65)	181	43960	8051	29.31	1.32e-06	25.2°/ 50.4°	130
20	CSX60S300 PRO (LL(111)	76	31550	5155	26.14	2.57e-06	353.6°/ 67.1°	76

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(106)	349	24600	14930	97.12	4.23e-06	29.2°/ 56.2°	74
2	CSX60S100 PRO (sy(122)	281	33970	11470	54.03	2.22e-06	80.8°/ 56.2°	105
3	CSX60S100 PRO (sy..(34)	141	57440	5742	15.99	7.76e-07	351.8°/ 56.2°	178
4	CSX60S100 PRO (sy..(89)	28	47000	4091	13.93	1.16e-06	205.2°/ 50.4°	77
5	CSX60S100 PRO (sy(105)	30	35500	2627	11.84	2.03e-06	354.5°/ 47.2°	74
6	CSX60S100 PRO (sy..(90)	36	29970	2121	11.32	2.85e-06	174.9°/ 47.4°	77
7	CSX60S100 PRO (sy..(65)	57	45400	2732	9.63	1.24e-06	25.2°/ 50.4°	129
8	CSX60S100 PRO (sy..(81)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149
9	CSX60S100 PRO (sy(113)	25	64920	3701	9.12	6.07e-07	174.5°/ 47.2°	106
10	CSX60S100 PRO (sy..(50)	50	52700	2856	8.67	9.22e-07	299.1°/ 52.7°	138
11	CSX60S100 PRO (sy..(49)	22	101500	4645	7.33	2.49e-07	265.5°/ 47.2°	138
12	CSX60S100 PRO (sy(121)	35	35510	1540	6.94	2.03e-06	115.5°/ 47.2°	105
13	CSX60S100 PRO (sy..(66)	25	61760	2255	5.84	6.71e-07	354.9°/ 47.4°	129
14	CSX60S100 PRO (sy..(41)	22	126600	4373	5.53	1.60e-07	85.5°/ 47.2°	179
15	CSX60S100 PRO (sy... (9)	59	73920	2485	5.38	4.68e-07	355.8°/ 50.4°	225
16	CSX60S100 PRO (sy(194)	117	146100	4654	5.10	1.20e-07	351.8°/ 56.2°	458
17	CSX60S100 PRO (sy... (2)	24	67580	2128	5.04	5.61e-07	85.9°/ 47.4°	141
18	LED Floodlight - ... (225)	10	57570	1814	5.04	7.72e-07	280.0°/ 0.0°	86
19	CSX60S100 PRO (sy(162)	123	161800	4910	4.85	9.77e-08	351.8°/ 56.2°	506
20	CSX60S100 PRO (sy..(25)	39	74230	2202	4.75	4.65e-07	296.2°/ 50.4°	195

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(122)	2754	10010	103000	329.27	1.02e-06	80.8°/ 56.2°	162
2	CSX60S100 PRO (sy(106)	2161	9939	82710	266.30	1.04e-06	29.2°/ 56.2°	159
3	CSX60S100 PRO (sy..(90)	54	53140	120100	72.32	3.63e-08	174.9°/ 47.4°	112
4	CSX60S200 PRO (LU.(92)	69	29580	47070	50.92	1.17e-07	170.6°/ 56.8°	112
5	CSX60S200 PRO (LL(115)	39	82470	96880	37.59	1.51e-08	163.9°/ 56.2°	163
6	CSX60S300 PRO (LU.(80)	13	57860	37440	20.70	3.06e-08	305.6°/ 66.8°	107
7	LED Floodlight - ... (226)	87	17810	10290	18.49	3.23e-07	9.0°/ 0.0°	162
8	CSX60S100 PRO (sy(105)	55	12610	3389	8.60	6.44e-07	354.5°/ 47.2°	159
9	CSX60S100 PRO (sy(121)	58	12170	3214	8.45	6.91e-07	115.5°/ 47.2°	162
10	CSX60S100 PRO (sy..(65)	83	14130	3588	8.12	5.13e-07	25.2°/ 50.4°	213
11	CSX60S200 PRO (LU.(78)	20	14730	3712	8.07	4.72e-07	317.2°/ 65.9°	107
12	CSX60S100 PRO (sy..(81)	84	14120	3557	8.06	5.13e-07	86.8°/ 50.4°	215
13	CSX60S300 PRO (LU.(96)	15	18510	4106	7.10	2.99e-07	164.4°/ 66.8°	112
14	CSX60S200 PRO (LU.(94)	19	11690	1997	5.47	7.49e-07	152.8°/ 65.9°	112
15	CSX60S100 PRO (sy..(82)	47	16860	2825	5.36	3.60e-07	115.1°/ 47.4°	215
16	CSX60S100 PRO (sy..(66)	44	17560	2942	5.36	3.32e-07	354.9°/ 47.4°	213
17	CSX60S200 PRO (LL(101)	5	41580	3157	2.43	5.92e-08	315.8°/ 64.7°	160
18	CSX60S200 PRO (LL(117)	6	24350	1330	1.75	1.73e-07	154.2°/ 64.7°	163
19	CSX60S200 PRO (LL(109)	6	15820	624	1.26	4.09e-07	334.2°/ 64.7°	159
20	CSX60S200 PRO (LL(125)	6	14260	435	0.98	5.04e-07	135.8°/ 64.7°	162

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S300 PRO (LU.(96)	4	90830	26810	9.45	1.24e-08	164.4°/ 66.8°	112
2	CSX60S100 PRO (sy(122)	47	10770	2025	6.02	8.83e-07	80.8°/ 56.2°	162
3	CSX60S100 PRO (sy(106)	41	10730	1802	5.38	8.90e-07	29.2°/ 56.2°	159
4	CSX60S100 PRO (sy..(34)	57	17810	2636	4.74	3.23e-07	351.8°/ 56.2°	260
5	CSX60S100 PRO (sy(105)	23	14770	1968	4.26	4.69e-07	354.5°/ 47.2°	159
6	CSX60S100 PRO (sy(121)	23	13950	1689	3.87	5.26e-07	115.5°/ 47.2°	162
7	CSX60S100 PRO (sy..(50)	21	22120	2395	3.46	2.09e-07	299.1°/ 52.7°	205
8	CSX60S200 PRO (LU.(78)	4	28050	3007	3.43	1.30e-07	317.2°/ 65.9°	107
9	CSX60S100 PRO (sy..(41)	22	32420	3337	3.29	9.74e-08	85.5°/ 47.2°	260
10	CSX60S100 PRO (sy... (2)	23	22620	2259	3.20	2.00e-07	85.9°/ 47.4°	227
11	CSX60S100 PRO (sy..(66)	23	19840	1978	3.19	2.60e-07	354.9°/ 47.4°	213
12	CSX60S100 PRO (sy(194)	81	33160	3277	3.16	9.31e-08	351.8°/ 56.2°	516
13	CSX60S100 PRO (sy..(82)	23	18780	1735	2.96	2.90e-07	115.1°/ 47.4°	215
14	CSX60S100 PRO (sy(162)	82	36090	3290	2.92	7.86e-08	351.8°/ 56.2°	562
15	CSX60S100 PRO (sy..(25)	23	24930	2194	2.82	1.65e-07	296.2°/ 50.4°	254
16	CSX60S100 PRO (sy..(81)	26	15140	1234	2.61	4.47e-07	86.8°/ 50.4°	215
17	CSX60S100 PRO (sy..(65)	23	15180	1159	2.44	4.44e-07	25.2°/ 50.4°	213
18	CSX60S100 PRO (sy(209)	21	71420	4436	1.99	2.01e-08	265.5°/ 47.2°	486
19	CSX60S100 PRO (sy..(33)	23	18270	1138	1.99	3.07e-07	26.5°/ 47.2°	259
20	CSX60S200 PRO (LL(117)	4	37660	2331	1.98	7.22e-08	154.2°/ 64.7°	163

Anlage 5: Lichtimmissionen in der Nachbarschaft für Spielbetrieb (Raumaufhellung und Blendung)

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.32 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.39 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.44 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.51 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.57 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	1.38 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	2.04 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	1.33 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	2.36 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	1.01 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	2.23 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.85 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	2.08 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	2030 m	728 m	9.4 m	0.28 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	2030 m	728 m	15.4 m	0.41 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0.06 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.14 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.12 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.25 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.2 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.82 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.1 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.14 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.39 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.79 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.38 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	1.21 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.82 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	1.87 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0.67 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	1.64 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0.4 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0.98 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0.07 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0.35 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0.32 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	1.11 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	1.37 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	3.12 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.55 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	1.49 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	1.89 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	3.43 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	1.68 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	3.76 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	6.44 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	5.06 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.61 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.94 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	1.67 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit (2193.71m / 589.71m / 8.20m)

1	CSX60S100 PRO (sy(333)	1829	11140	70140	201.55	8.26e-07	260.8°/ 56.2°	178
2	CSX60S100 PRO (sy..(98)	1821	11140	69850	200.67	8.25e-07	260.8°/ 56.2°	178
3	LED Floodlight - ... (225)	120	69990	132900	60.76	2.09e-08	193.0°/ -40.0°	208
4	LED Floodlight - ... (235)	121	61970	116900	60.37	2.67e-08	190.0°/ -40.0°	197
5	LED Floodlight - ... (230)	604	9088	10600	37.32	1.24e-06	91.0°/ -40.0°	214
6	LED Floodlight - ... (233)	605	9521	10610	35.66	1.13e-06	95.0°/ -40.0°	225
7	LED Floodlight - ... (234)	110	29150	19760	21.69	1.21e-07	11.0°/ -40.0°	215
8	CSX60S100 PRO (sy(349)	140	10480	7099	21.69	9.33e-07	208.1°/ 52.7°	145
9	CSX60S100 PRO (sy(114)	139	10480	7078	21.62	9.33e-07	208.1°/ 52.7°	145
10	LED Floodlight - ... (228)	104	23830	13710	18.41	1.80e-07	10.0°/ -40.0°	205
11	CSX60S100 PRO (sy..(66)	40	13780	3787	8.79	5.39e-07	354.9°/ 47.4°	139
12	CSX60S100 PRO (sy(301)	40	13800	3786	8.78	5.38e-07	354.9°/ 47.4°	139
13	CSX60S100 PRO (sy(348)	32	17160	4394	8.19	3.48e-07	174.5°/ 47.2°	146
14	CSX60S100 PRO (sy(113)	32	17190	4394	8.18	3.47e-07	174.5°/ 47.2°	145
15	CSX60S100 PRO (sy..(89)	65	14550	3426	7.54	4.84e-07	205.2°/ 50.4°	199
16	CSX60S100 PRO (sy(324)	65	14550	3418	7.52	4.84e-07	205.2°/ 50.4°	199
17	CSX60S100 PRO (sy(308)	81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
18	CSX60S100 PRO (sy..(73)	81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
19	CSX60S100 PRO (sy..(97)	61	12040	2740	7.28	7.06e-07	295.5°/ 47.2°	178
20	CSX60S100 PRO (sy(332)	61	12040	2739	7.28	7.06e-07	295.5°/ 47.2°	178

I(p) IO 1 Jean-Monnet-Str. 25 OG 1, lir(2193.71m / 589.71m / 11.20m)

1	CSX60S100 PRO (sy(333)	1331	11240	51520	146.72	8.11e-07	260.8°/ 56.2°	178
2	CSX60S100 PRO (sy..(98)	1300	11180	50380	144.15	8.19e-07	260.8°/ 56.2°	178
3	LED Floodlight - ... (235)	95	123900	365800	94.46	6.67e-09	190.0°/ -40.0°	198
4	LED Floodlight - ... (225)	129	41120	49120	38.22	6.06e-08	190.0°/ -40.0°	209
5	LED Floodlight - ... (230)	590	9202	10530	36.62	1.21e-06	91.0°/ -40.0°	215
6	LED Floodlight - ... (233)	591	9633	10530	34.98	1.10e-06	95.0°/ -40.0°	226
7	LED Floodlight - ... (234)	120	31370	24890	25.39	1.04e-07	11.0°/ -40.0°	216
8	LED Floodlight - ... (228)	103	25250	15010	19.02	1.61e-07	10.0°/ -40.0°	206
9	CSX60S100 PRO (sy(114)	92	10560	4737	14.36	9.19e-07	208.1°/ 52.7°	145
10	CSX60S100 PRO (sy(349)	91	10630	4668	14.05	9.06e-07	208.1°/ 52.7°	146
11	CSX60S100 PRO (sy(113)	30	17680	4358	7.89	3.28e-07	174.5°/ 47.2°	145
12	CSX60S100 PRO (sy(348)	30	17730	4305	7.77	3.26e-07	174.5°/ 47.2°	147
13	CSX60S100 PRO (sy..(66)	33	14050	3334	7.59	5.19e-07	354.9°/ 47.4°	139
14	CSX60S100 PRO (sy(301)	33	14260	3304	7.42	5.04e-07	354.9°/ 47.4°	140
15	CSX60S100 PRO (sy..(73)	76	14430	3113	6.90	4.92e-07	264.8°/ 50.4°	223
16	CSX60S100 PRO (sy(308)	76	14500	3112	6.87	4.87e-07	264.8°/ 50.4°	225
17	CSX60S100 PRO (sy(340)	26	27340	5827	6.82	1.37e-07	354.5°/ 47.2°	180
18	CSX60S100 PRO (sy(105)	26	26780	5651	6.75	1.43e-07	354.5°/ 47.2°	179
19	CSX60S100 PRO (sy..(89)	57	14640	3016	6.59	4.78e-07	205.2°/ 50.4°	198
20	CSX60S100 PRO (sy(324)	57	14730	3026	6.58	4.72e-07	205.2°/ 50.4°	200

I(p) IO 1 Jean-Monnet-Str. 25 OG 2, lir(2193.71m / 589.71m / 14.20m)

1	CSX60S100 PRO (sy(333)	481	11230	18840	53.68	8.12e-07	260.8°/ 56.2°	177
2	CSX60S100 PRO (sy..(98)	471	11230	18430	52.50	8.11e-07	260.8°/ 56.2°	177
3	LED Floodlight - ... (230)	576	9246	10460	36.20	1.20e-06	91.0°/ -40.0°	214
4	LED Floodlight - ... (233)	578	9678	10470	34.62	1.09e-06	95.0°/ -40.0°	225
5	LED Floodlight - ... (234)	129	35880	35060	31.27	7.95e-08	11.0°/ -40.0°	215
6	LED Floodlight - ... (228)	109	27710	19330	22.32	1.33e-07	10.0°/ -40.0°	205
7	LED Floodlight - ... (235)	38	62080	36960	19.05	2.66e-08	190.0°/ -40.0°	197
8	LED Floodlight - ... (225)	37	64950	34850	17.17	2.43e-08	193.0°/ -40.0°	208
9	CSX60S100 PRO (sy(114)	72	10640	3813	11.46	9.04e-07	208.1°/ 52.7°	145
10	CSX60S100 PRO (sy(349)	72	10640	3806	11.44	9.04e-07	208.1°/ 52.7°	145
11	CSX60S100 PRO (sy(348)	26	18190	4022	7.08	3.10e-07	174.5°/ 47.2°	145
12	CSX60S100 PRO (sy(113)	26	18230	4027	7.07	3.08e-07	174.5°/ 47.2°	145
13	CSX60S100 PRO (sy(340)	24	27950	5798	6.64	1.31e-07	354.5°/ 47.2°	178
14	CSX60S100 PRO (sy(308)	73	14500	2997	6.61	4.87e-07	264.8°/ 50.4°	223
15	CSX60S100 PRO (sy..(73)	73	14500	2997	6.61	4.87e-07	264.8°/ 50.4°	223
16	CSX60S100 PRO (sy(105)	24	27850	5755	6.61	1.32e-07	354.5°/ 47.2°	178
17	CSX60S100 PRO (sy..(66)	27	14350	2839	6.33	4.97e-07	354.9°/ 47.4°	139
18	CSX60S100 PRO (sy(301)	27	14370	2833	6.31	4.96e-07	354.9°/ 47.4°	139
19	CSX60S100 PRO (sy(324)	52	14750	2803	6.08	4.71e-07	205.2°/ 50.4°	198
20	CSX60S100 PRO (sy..(89)	52	14750	2799	6.07	4.71e-07	205.2°/ 50.4°	198

I(p) IO 1 Jean-Monnet-Str. 25 OG 3, lir(2193.71m / 589.71m / 17.20m)

1	LED Floodlight - ...	(234)	130	41660	47660	36.61	5.90e-08	11.0°/ -40.0°	215
2	LED Floodlight - ...	(230)	554	9332	10240	35.11	1.18e-06	91.0°/ -40.0°	214
3	LED Floodlight - ...	(233)	562	9763	10350	33.92	1.07e-06	95.0°/ -40.0°	225
4	LED Floodlight - ...	(228)	123	30530	26580	27.86	1.10e-07	10.0°/ -40.0°	205
5	CSX60S100 PRO (sy(333)		245	11290	9686	27.46	8.04e-07	260.8°/ 56.2°	177
6	CSX60S100 PRO (sy..(98)		243	11290	9617	27.26	8.03e-07	260.8°/ 56.2°	177
7	CSX60S100 PRO (sy(349)		59	10740	3165	9.43	8.87e-07	208.1°/ 52.7°	145
8	CSX60S100 PRO (sy(114)		59	10740	3160	9.41	8.87e-07	208.1°/ 52.7°	145
9	CSX60S100 PRO (sy(113)		24	18850	3884	6.59	2.88e-07	174.5°/ 47.2°	145
10	CSX60S100 PRO (sy(348)		24	18800	3855	6.56	2.90e-07	174.5°/ 47.2°	145
11	CSX60S100 PRO (sy(105)		22	29070	5577	6.14	1.21e-07	354.5°/ 47.2°	178
12	CSX60S100 PRO (sy(340)		21	29180	5586	6.12	1.20e-07	354.5°/ 47.2°	178
13	CSX60S100 PRO (sy(308)		66	14570	2742	6.02	4.82e-07	264.8°/ 50.4°	223
14	CSX60S100 PRO (sy..(73)		66	14570	2742	6.02	4.82e-07	264.8°/ 50.4°	223
15	CSX60S100 PRO (sy(301)		24	14700	2592	5.64	4.74e-07	354.9°/ 47.4°	139
16	CSX60S100 PRO (sy..(66)		24	14680	2585	5.63	4.75e-07	354.9°/ 47.4°	139
17	CSX60S100 PRO (sy(324)		46	14860	2502	5.39	4.64e-07	205.2°/ 50.4°	198
18	CSX60S100 PRO (sy..(89)		46	14860	2497	5.38	4.64e-07	205.2°/ 50.4°	198
19	CSX60S100 PRO (sy(285)		75	19270	3098	5.15	2.76e-07	299.1°/ 52.7°	297
20	CSX60S100 PRO (sy..(50)		75	19270	3100	5.15	2.76e-07	299.1°/ 52.7°	297

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	LED Floodlight - ...	(234)	125	51580	70220	43.57	3.85e-08	11.0°/ -40.0°	215
2	LED Floodlight - ...	(228)	129	34440	35260	32.76	8.63e-08	10.0°/ -40.0°	206
3	LED Floodlight - ...	(230)	511	9423	9627	32.69	1.15e-06	91.0°/ -40.0°	215
4	LED Floodlight - ...	(233)	521	9853	9768	31.72	1.05e-06	95.0°/ -40.0°	225
5	CSX60S100 PRO (sy(333)		134	11350	5361	15.11	7.95e-07	260.8°/ 56.2°	177
6	CSX60S100 PRO (sy..(98)		133	11350	5322	15.00	7.94e-07	260.8°/ 56.2°	177
7	CSX60S100 PRO (sy(114)		51	10850	2800	8.26	8.69e-07	208.1°/ 52.7°	145
8	CSX60S100 PRO (sy(349)		51	10850	2801	8.26	8.70e-07	208.1°/ 52.7°	145
9	CSX60S100 PRO (sy(113)		23	19550	4156	6.80	2.68e-07	174.5°/ 47.2°	145
10	CSX60S100 PRO (sy(348)		23	19500	4130	6.78	2.69e-07	174.5°/ 47.2°	145
11	CSX60S100 PRO (sy(340)		22	30620	6419	6.71	1.09e-07	354.5°/ 47.2°	178
12	CSX60S100 PRO (sy(105)		22	30480	6322	6.64	1.10e-07	354.5°/ 47.2°	178
13	CSX60S100 PRO (sy(308)		58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
14	CSX60S100 PRO (sy..(73)		58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
15	CSX60S100 PRO (sy(301)		22	15080	2480	5.26	4.51e-07	354.9°/ 47.4°	139
16	CSX60S100 PRO (sy..(66)		22	15050	2473	5.26	4.52e-07	354.9°/ 47.4°	139
17	CSX60S100 PRO (sy..(50)		73	19350	3008	4.98	2.74e-07	299.1°/ 52.7°	297
18	CSX60S100 PRO (sy(285)		72	19340	3007	4.97	2.74e-07	299.1°/ 52.7°	297
19	CSX60S100 PRO (sy..(57)		21	63170	9227	4.67	2.57e-08	206.5°/ 47.2°	298
20	CSX60S100 PRO (sy(292)		21	62910	9156	4.66	2.59e-08	206.5°/ 47.2°	298

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy..(98)		3235	8049	119400	474.67	1.58e-06	260.8°/ 56.2°	131
2	CSX60S100 PRO (sy(333)		3232	8054	119300	474.02	1.58e-06	260.8°/ 56.2°	131
3	CSX60S100 PRO (sy..(82)		87	76620	889900	371.67	1.74e-08	115.1°/ 47.4°	75
4	CSX60S100 PRO (sy(317)		86	66720	664800	318.86	2.30e-08	115.1°/ 47.4°	75
5	CSX60S200 PRO (LU.(84)		110	27520	145800	169.53	1.35e-07	119.4°/ 56.8°	75
6	CSX60S200 PRO (LU(319)		109	26890	137500	163.62	1.42e-07	119.4°/ 56.8°	75
7	CSX60S100 PRO (sy(114)		907	7983	35660	142.95	1.61e-06	208.1°/ 52.7°	126
8	CSX60S100 PRO (sy(349)		907	7993	35650	142.72	1.60e-06	208.1°/ 52.7°	126
9	CSX60S300 PRO (LU.(88)		69	14620	25780	56.43	4.79e-07	125.6°/ 66.8°	75
10	CSX60S300 PRO (LU(323)		68	14530	24920	54.88	4.85e-07	125.6°/ 66.8°	75
11	LED Floodlight - ...	(230)	605	6962	10610	48.77	2.11e-06	91.0°/ -40.0°	164
12	LED Floodlight - ...	(233)	606	7277	10620	46.70	1.93e-06	95.0°/ -40.0°	172
13	CSX60S300 PRO (LU.(71)		19	49020	65170	42.54	4.26e-08	3.8°/ 68.0°	84
14	CSX60S200 PRO (LU(303)		72	10450	11110	34.03	9.38e-07	350.6°/ 56.8°	83
15	CSX60S200 PRO (LU.(68)		72	10390	10970	33.80	9.49e-07	350.6°/ 56.8°	83
16	CSX60S100 PRO (sy(301)		47	11860	9351	25.23	7.28e-07	354.9°/ 47.4°	83
17	CSX60S100 PRO (sy..(66)		47	11780	9242	25.11	7.38e-07	354.9°/ 47.4°	83
18	CSX60S300 PRO (LU(306)		13	43240	33760	24.98	5.48e-08	3.8°/ 68.0°	84
19	LED Floodlight - ...	(228)	177	10820	8121	24.01	8.74e-07	10.0°/ -40.0°	158
20	LED Floodlight - ...	(234)	158	12270	8594	22.41	6.80e-07	11.0°/ -40.0°	165

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	LED Floodlight - ... (230)	457	7303	8781	38.48	1.92e-06	91.0°/ -40.0°	165
2	LED Floodlight - ... (233)	471	7615	9000	37.82	1.77e-06	95.0°/ -40.0°	172
3	LED Floodlight - ... (228)	198	12410	11860	30.59	6.65e-07	10.0°/ -40.0°	158
4	LED Floodlight - ... (234)	182	14380	13520	30.09	4.95e-07	11.0°/ -40.0°	165
5	CSX60S100 PRO (sy..(98)	194	8232	7544	29.33	1.51e-06	260.8°/ 56.2°	130
6	CSX60S100 PRO (sy(333)	193	8236	7522	29.22	1.51e-06	260.8°/ 56.2°	130
7	CSX60S100 PRO (sy(301)	21	18310	10190	17.81	3.06e-07	354.9°/ 47.4°	82
8	CSX60S100 PRO (sy..(66)	21	18010	9866	17.53	3.16e-07	354.9°/ 47.4°	82
9	CSX60S100 PRO (sy(114)	74	8211	3090	12.04	1.52e-06	208.1°/ 52.7°	125
10	CSX60S100 PRO (sy(349)	74	8222	3089	12.02	1.51e-06	208.1°/ 52.7°	125
11	CSX60S300 PRO (LU.(88)	4	27510	5733	6.67	1.35e-07	125.6°/ 66.8°	73
12	CSX60S100 PRO (sy..(73)	58	12170	2489	6.55	6.92e-07	264.8°/ 50.4°	183
13	CSX60S100 PRO (sy(308)	58	12170	2492	6.55	6.91e-07	264.8°/ 50.4°	183
14	CSX60S100 PRO (sy..(89)	54	12170	2460	6.47	6.91e-07	205.2°/ 50.4°	179
15	CSX60S100 PRO (sy(324)	55	12180	2463	6.47	6.90e-07	205.2°/ 50.4°	179
16	CSX60S300 PRO (LU(323)	4	26620	5340	6.42	1.44e-07	125.6°/ 66.8°	74
17	CSX60S100 PRO (sy..(50)	71	15530	3012	6.21	4.24e-07	299.1°/ 52.7°	236
18	CSX60S100 PRO (sy(285)	71	15530	3009	6.20	4.25e-07	299.1°/ 52.7°	236
19	CSX60S100 PRO (sy(348)	26	10340	1736	5.37	9.57e-07	174.5°/ 47.2°	125
20	CSX60S100 PRO (sy(113)	26	10340	1736	5.37	9.58e-07	174.5°/ 47.2°	125

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S300 PRO (LU(251)	6	10120000	134400000	425.01	1.00e-12	36.6°/ 66.8°	206
2	CSX60S100 PRO (sy..(98)	1749	7527	69760	296.59	1.81e-06	260.8°/ 56.2°	118
3	CSX60S100 PRO (sy(333)	1728	7538	68970	292.77	1.80e-06	260.8°/ 56.2°	118
4	CSX60S100 PRO (sy(114)	534	8643	20460	75.76	1.37e-06	208.1°/ 52.7°	138
5	CSX60S100 PRO (sy(349)	532	8657	20380	75.33	1.37e-06	208.1°/ 52.7°	138
6	LED Floodlight - ... (233)	543	6474	10080	49.82	2.44e-06	95.0°/ -40.0°	148
7	CSX60S200 PRO (LU.(70)	18	37130	57390	49.46	7.43e-08	332.8°/ 65.9°	65
8	LED Floodlight - ... (230)	511	6351	9620	48.47	2.54e-06	91.0°/ -40.0°	145
9	LED Floodlight - ... (228)	299	7617	8404	35.30	1.76e-06	10.0°/ -40.0°	142
10	LED Floodlight - ... (234)	257	8218	8072	31.43	1.52e-06	11.0°/ -40.0°	145
11	CSX60S200 PRO (LU(305)	11	32590	26130	25.66	9.64e-08	332.8°/ 65.9°	65
12	CSX60S100 PRO (sy..(34)	120	12150	7447	19.62	6.94e-07	351.8°/ 56.2°	153
13	CSX60S100 PRO (sy(269)	120	12150	7424	19.55	6.94e-07	351.8°/ 56.2°	152
14	CSX60S100 PRO (sy..(82)	51	9970	5328	17.10	1.03e-06	115.1°/ 47.4°	97
15	CSX60S100 PRO (sy(317)	51	9995	5314	17.01	1.03e-06	115.1°/ 47.4°	97
16	CSX60S100 PRO (sy(121)	32	29710	14080	15.16	1.16e-07	115.5°/ 47.2°	139
17	CSX60S100 PRO (sy(356)	32	29670	13950	15.04	1.16e-07	115.5°/ 47.2°	139
18	CSX60S100 PRO (sy..(97)	60	10140	4291	13.55	9.97e-07	295.5°/ 47.2°	118
19	CSX60S100 PRO (sy(332)	60	10160	4304	13.55	9.92e-07	295.5°/ 47.2°	118
20	CSX60S100 PRO (sy(268)	28	35810	14930	13.34	7.99e-08	26.5°/ 47.2°	153

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	LED Floodlight - ... (230)	392	6738	8271	39.28	2.26e-06	91.0°/ -40.0°	145
2	LED Floodlight - ... (233)	386	6852	7991	37.32	2.18e-06	95.0°/ -40.0°	149
3	LED Floodlight - ... (228)	258	8342	8633	33.12	1.47e-06	10.0°/ -40.0°	142
4	CSX60S100 PRO (sy(268)	23	104800	107700	32.88	9.32e-09	26.5°/ 47.2°	152
5	CSX60S100 PRO (sy..(33)	23	97680	93760	30.71	1.07e-08	26.5°/ 47.2°	152
6	CSX60S100 PRO (sy(121)	23	66740	52330	25.09	2.30e-08	115.5°/ 47.2°	138
7	CSX60S100 PRO (sy(356)	23	65610	50540	24.65	2.38e-08	115.5°/ 47.2°	139
8	LED Floodlight - ... (234)	165	9085	6302	22.20	1.24e-06	11.0°/ -40.0°	145
9	CSX60S100 PRO (sy..(98)	124	7733	5284	21.87	1.71e-06	260.8°/ 56.2°	117
10	CSX60S100 PRO (sy(333)	124	7745	5275	21.79	1.71e-06	260.8°/ 56.2°	117
11	CSX60S100 PRO (sy..(17)	23	49940	19980	12.80	4.11e-08	175.8°/ 50.4°	168
12	CSX60S100 PRO (sy(252)	23	49210	19260	12.53	4.23e-08	175.8°/ 50.4°	168
13	CSX60S100 PRO (sy(114)	77	8866	3130	11.30	1.30e-06	208.1°/ 52.7°	137
14	CSX60S100 PRO (sy(349)	77	8881	3129	11.27	1.30e-06	208.1°/ 52.7°	138
15	CSX60S100 PRO (sy..(82)	23	11510	3306	9.19	7.73e-07	115.1°/ 47.4°	96
16	CSX60S100 PRO (sy(317)	23	11530	3303	9.16	7.70e-07	115.1°/ 47.4°	96
17	CSX60S100 PRO (sy(269)	48	12640	3245	8.21	6.41e-07	351.8°/ 56.2°	152
18	CSX60S100 PRO (sy..(34)	48	12640	3239	8.20	6.41e-07	351.8°/ 56.2°	152
19	CSX60S300 PRO (LU.(39)	3	161500	38360	7.60	3.93e-09	27.4°/ 67.1°	152
20	CSX60S100 PRO (sy(285)	67	13500	2965	7.03	5.62e-07	299.1°/ 52.7°	201

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy..(98)	826	7876	35570	144.52	1.65e-06	260.8°/ 56.2°	119
2	CSX60S100 PRO (sy(333)	818	7891	35240	142.90	1.64e-06	260.8°/ 56.2°	119
3	CSX60S100 PRO (sy(114)	445	9331	17300	59.33	1.18e-06	208.1°/ 52.7°	148
4	CSX60S100 PRO (sy(349)	444	9347	17240	59.02	1.17e-06	208.1°/ 52.7°	148
5	CSX60S100 PRO (sy..(81)	45	46380	77570	53.52	4.76e-08	86.8°/ 50.4°	111
6	CSX60S100 PRO (sy(316)	45	46660	77990	53.49	4.70e-08	86.8°/ 50.4°	111
7	LED Floodlight - ... (233)	420	6414	8201	40.91	2.49e-06	95.0°/ -40.0°	143
8	LED Floodlight - ... (230)	385	6399	7687	38.44	2.50e-06	91.0°/ -40.0°	142
9	LED Floodlight - ... (234)	312	7386	8284	35.89	1.88e-06	11.0°/ -40.0°	142
10	LED Floodlight - ... (228)	298	7013	7227	32.97	2.08e-06	10.0°/ -40.0°	141
11	CSX60S100 PRO (sy..(82)	56	10330	4802	14.87	9.59e-07	115.1°/ 47.4°	110
12	CSX60S100 PRO (sy(317)	56	10360	4792	14.80	9.54e-07	115.1°/ 47.4°	111
13	CSX60S100 PRO (sy..(50)	113	12590	4850	12.33	6.46e-07	299.1°/ 52.7°	189
14	CSX60S100 PRO (sy(285)	113	12590	4853	12.33	6.46e-07	299.1°/ 52.7°	189
15	CSX60S100 PRO (sy..(97)	48	11550	4441	12.31	7.68e-07	295.5°/ 47.2°	119
16	CSX60S100 PRO (sy(332)	48	11580	4435	12.25	7.63e-07	295.5°/ 47.2°	119
17	CSX60S100 PRO (sy..(73)	81	12070	3832	10.16	7.02e-07	264.8°/ 50.4°	173
18	CSX60S100 PRO (sy(308)	80	12090	3825	10.12	7.01e-07	264.8°/ 50.4°	173
19	CSX60S100 PRO (sy(113)	68	9983	3010	9.65	1.03e-06	174.5°/ 47.2°	148
20	CSX60S100 PRO (sy(348)	68	9998	3006	9.62	1.02e-06	174.5°/ 47.2°	148

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, li(2103.00m / 679.50m / 22.20m)

1	LED Floodlight - ... (233)	334	6946	7589	34.96	2.12e-06	95.0°/ -40.0°	144
2	LED Floodlight - ... (228)	277	7763	8148	33.59	1.70e-06	10.0°/ -40.0°	141
3	LED Floodlight - ... (234)	261	8252	8590	33.31	1.50e-06	11.0°/ -40.0°	142
4	LED Floodlight - ... (230)	304	6951	7110	32.73	2.12e-06	91.0°/ -40.0°	142
5	CSX60S100 PRO (sy..(98)	76	8194	3587	14.01	1.53e-06	260.8°/ 56.2°	118
6	CSX60S100 PRO (sy(333)	76	8210	3587	13.98	1.52e-06	260.8°/ 56.2°	118
7	CSX60S100 PRO (sy(114)	70	9636	2933	9.74	1.10e-06	208.1°/ 52.7°	147
8	CSX60S100 PRO (sy(349)	70	9652	2932	9.72	1.10e-06	208.1°/ 52.7°	148
9	CSX60S100 PRO (sy(121)	21	30280	8563	9.05	1.12e-07	115.5°/ 47.2°	148
10	CSX60S100 PRO (sy(356)	21	30250	8520	9.01	1.12e-07	115.5°/ 47.2°	149
11	CSX60S100 PRO (sy..(17)	23	28630	7288	8.15	1.25e-07	175.8°/ 50.4°	160
12	CSX60S100 PRO (sy(252)	23	28480	7223	8.12	1.26e-07	175.8°/ 50.4°	160
13	CSX60S100 PRO (sy..(34)	35	12000	2668	7.11	7.11e-07	351.8°/ 56.2°	136
14	CSX60S100 PRO (sy(269)	35	12010	2661	7.09	7.10e-07	351.8°/ 56.2°	136
15	CSX60S100 PRO (sy(245)	21	38210	8388	7.02	7.01e-08	26.1°/ 47.4°	189
16	CSX60S100 PRO (sy..(10)	21	38050	8305	6.98	7.07e-08	26.1°/ 47.4°	189
17	CSX60S100 PRO (sy..(50)	59	12980	2698	6.65	6.08e-07	299.1°/ 52.7°	189
18	CSX60S100 PRO (sy(285)	59	12980	2693	6.64	6.08e-07	299.1°/ 52.7°	189
19	CSX60S100 PRO (sy..(82)	21	11740	2355	6.42	7.43e-07	115.1°/ 47.4°	110
20	CSX60S100 PRO (sy(317)	21	11760	2355	6.41	7.40e-07	115.1°/ 47.4°	110

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S200 PRO (LU(334)	49	48700	69780	45.85	4.32e-08	306.1°/ 56.2°	127
2	CSX60S200 PRO (LU.(99)	48	47580	65830	44.28	4.52e-08	306.1°/ 56.2°	127
3	CSX60S100 PRO (sy..(98)	242	9266	12670	43.75	1.19e-06	260.8°/ 56.2°	127
4	CSX60S100 PRO (sy(333)	241	9287	12630	43.52	1.19e-06	260.8°/ 56.2°	127
5	LED Floodlight - ... (234)	389	6688	8413	40.25	2.29e-06	11.0°/ -40.0°	142
6	LED Floodlight - ... (228)	382	6606	7814	37.85	2.35e-06	10.0°/ -40.0°	144
7	CSX60S200 PRO (LU(318)	41	54480	63660	37.39	3.45e-08	81.4°/ 57.6°	137
8	CSX60S200 PRO (LU.(83)	41	54040	62870	37.23	3.51e-08	81.4°/ 57.6°	137
9	LED Floodlight - ... (233)	346	6752	7778	36.86	2.25e-06	95.0°/ -40.0°	141
10	LED Floodlight - ... (230)	305	6953	7111	32.73	2.12e-06	91.0°/ -40.0°	142
11	CSX60S100 PRO (sy(114)	232	10840	9402	27.75	8.71e-07	208.1°/ 52.7°	168
12	CSX60S100 PRO (sy(349)	231	10860	9363	27.59	8.69e-07	208.1°/ 52.7°	169
13	CSX60S100 PRO (sy..(34)	84	10280	6940	21.61	9.70e-07	351.8°/ 56.2°	112
14	CSX60S100 PRO (sy(269)	83	10290	6894	21.44	9.67e-07	351.8°/ 56.2°	112
15	CSX60S100 PRO (sy..(50)	108	11850	5014	13.53	7.29e-07	299.1°/ 52.7°	172
16	CSX60S100 PRO (sy(285)	108	11860	5009	13.51	7.28e-07	299.1°/ 52.7°	172
17	CSX60S100 PRO (sy..(81)	31	24210	9532	12.60	1.75e-07	86.8°/ 50.4°	137
18	CSX60S100 PRO (sy(316)	31	24280	9550	12.59	1.74e-07	86.8°/ 50.4°	137
19	CSX60S100 PRO (sy..(97)	31	17430	5727	10.51	3.37e-07	295.5°/ 47.2°	127
20	CSX60S100 PRO (sy(332)	31	17500	5714	10.45	3.34e-07	295.5°/ 47.2°	127

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, li(2077.50m / 697.00m / 22.10m)

1	CSX60S200 PRO (LU(377)	4	10120000	17530000	55.43	1.00e-12	48.2°/ 65.9°	507
2	CSX60S200 PRO (LU(142)	4	10120000	17520000	55.40	1.00e-12	48.2°/ 65.9°	507
3	LED Floodlight - ... (234)	323	7312	8284	36.25	1.92e-06	11.0°/ -40.0°	143
4	LED Floodlight - ... (233)	306	7418	8251	35.59	1.86e-06	95.0°/ -40.0°	141
5	LED Floodlight - ... (230)	299	7658	8402	35.11	1.75e-06	91.0°/ -40.0°	143
6	LED Floodlight - ... (228)	298	7176	7139	31.84	1.99e-06	10.0°/ -40.0°	145
7	CSX60S200 PRO (LU(320)	4	220500	115200	16.72	2.11e-09	84.0°/ 63.4°	136
8	CSX60S100 PRO (sy(316)	23	41230	20690	16.06	6.02e-08	86.8°/ 50.4°	136
9	CSX60S100 PRO (sy..(81)	23	41070	20590	16.04	6.07e-08	86.8°/ 50.4°	136
10	CSX60S100 PRO (sy(245)	23	56670	28320	15.99	3.19e-08	26.1°/ 47.4°	161
11	CSX60S200 PRO (LU.(85)	4	206400	101200	15.69	2.40e-09	84.0°/ 63.4°	136
12	CSX60S100 PRO (sy..(10)	23	55680	27300	15.69	3.30e-08	26.1°/ 47.4°	161
13	CSX60S100 PRO (sy..(98)	56	9720	3262	10.74	1.08e-06	260.8°/ 56.2°	126
14	CSX60S100 PRO (sy(333)	56	9742	3265	10.73	1.08e-06	260.8°/ 56.2°	126
15	CSX60S100 PRO (sy..(97)	22	23430	7511	10.26	1.87e-07	295.5°/ 47.2°	126
16	CSX60S100 PRO (sy(332)	22	23560	7535	10.23	1.84e-07	295.5°/ 47.2°	126
17	CSX60S100 PRO (sy(114)	68	11170	2923	8.37	8.20e-07	208.1°/ 52.7°	168
18	CSX60S100 PRO (sy(349)	68	11190	2922	8.36	8.18e-07	208.1°/ 52.7°	168
19	CSX60S100 PRO (sy..(34)	26	11340	2607	7.36	7.96e-07	351.8°/ 56.2°	111
20	CSX60S100 PRO (sy(269)	25	11360	2593	7.30	7.93e-07	351.8°/ 56.2°	111

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

Nr.	Leuchte	Nr.	I [cd]	Limit L[cd/m²]	Ls [cd/m²]	ks	Omega-s [sr]	Orient./Neig. [°]	Entf. [m]
1	CSX60S200 PRO (LU(238)		24	45390	79580	56.10	4.97e-08	119.6°/ 57.6°	78
2	LED Floodlight - ...	(234)	560	6872	10330	48.10	2.17e-06	11.0°/ -40.0°	158
3	LED Floodlight - ...	(228)	578	7113	10470	47.10	2.02e-06	10.0°/ -40.0°	165
4	CSX60S200 PRO (LU...(3)		20	42370	58350	44.06	5.70e-08	119.6°/ 57.6°	77
5	LED Floodlight - ...	(233)	194	9295	7128	24.54	1.19e-06	95.0°/ -40.0°	151
6	LED Floodlight - ...	(230)	162	9935	6225	20.05	1.04e-06	91.0°/ -40.0°	158
7	CSX60S100 PRO (sy(309)		26	61200	23600	12.34	2.73e-08	295.1°/ 47.4°	200
8	CSX60S100 PRO (sy..(74)		26	60760	23340	12.29	2.77e-08	295.1°/ 47.4°	200
9	CSX60S100 PRO (sy..(98)		61	14640	5329	11.65	4.78e-07	260.8°/ 56.2°	155
10	CSX60S100 PRO (sy(333)		61	14670	5322	11.61	4.76e-07	260.8°/ 56.2°	155
11	CSX60S100 PRO (sy(114)		97	14210	4308	9.70	5.07e-07	208.1°/ 52.7°	210
12	CSX60S100 PRO (sy(349)		97	14230	4305	9.68	5.06e-07	208.1°/ 52.7°	211
13	CSX60S100 PRO (sy..(17)		57	11870	3411	9.20	7.27e-07	175.8°/ 50.4°	151
14	CSX60S100 PRO (sy(252)		57	11880	3409	9.18	7.26e-07	175.8°/ 50.4°	151
15	CSX60S100 PRO (sy..(18)		59	10150	2591	8.17	9.94e-07	206.1°/ 47.4°	151
16	CSX60S100 PRO (sy(253)		59	10160	2589	8.16	9.92e-07	206.1°/ 47.4°	151
17	CSX60S100 PRO (sy..(81)		28	24750	4804	6.21	1.67e-07	86.8°/ 50.4°	186
18	CSX60S100 PRO (sy(316)		28	24800	4808	6.20	1.67e-07	86.8°/ 50.4°	187
19	CSX60S100 PRO (sy(324)		73	16080	3074	6.12	3.96e-07	205.2°/ 50.4°	245
20	CSX60S100 PRO (sy..(89)		73	16070	3074	6.12	3.97e-07	205.2°/ 50.4°	245

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	LED Floodlight - ... (228)	490	7283	9307	40.89	1.93e-06	10.0°/ -40.0°	165
2	LED Floodlight - ... (234)	439	7048	8506	38.62	2.06e-06	11.0°/ -40.0°	158
3	LED Floodlight - ... (230)	160	10470	6824	20.85	9.34e-07	91.0°/ -40.0°	158
4	LED Floodlight - ... (233)	145	9801	5942	19.40	1.07e-06	95.0°/ -40.0°	151
5	CSX60S100 PRO (sy(309)	23	93510	49610	16.98	1.17e-08	295.1°/ 47.4°	200
6	CSX60S100 PRO (sy..(74)	23	92170	48390	16.80	1.21e-08	295.1°/ 47.4°	199
7	CSX60S100 PRO (sy..(98)	41	15040	3787	8.06	4.53e-07	260.8°/ 56.2°	155
8	CSX60S100 PRO (sy(333)	41	15070	3788	8.04	4.51e-07	260.8°/ 56.2°	155
9	CSX60S100 PRO (sy(114)	74	14360	3350	7.46	4.96e-07	208.1°/ 52.7°	210
10	CSX60S100 PRO (sy(349)	73	14380	3349	7.45	4.95e-07	208.1°/ 52.7°	210
11	CSX60S100 PRO (sy..(17)	41	12130	2595	6.85	6.96e-07	175.8°/ 50.4°	151
12	CSX60S100 PRO (sy(252)	41	12140	2588	6.82	6.95e-07	175.8°/ 50.4°	151
13	CSX60S100 PRO (sy..(81)	25	26160	4823	5.90	1.50e-07	86.8°/ 50.4°	186
14	CSX60S100 PRO (sy(316)	25	26210	4825	5.89	1.49e-07	86.8°/ 50.4°	186
15	CSX60S100 PRO (sy..(89)	65	16210	2783	5.49	3.90e-07	205.2°/ 50.4°	245
16	CSX60S100 PRO (sy(324)	65	16230	2782	5.49	3.89e-07	205.2°/ 50.4°	245
17	CSX60S100 PRO (sy..(73)	34	18090	2721	4.81	3.13e-07	264.8°/ 50.4°	199
18	CSX60S100 PRO (sy(308)	34	18120	2719	4.80	3.12e-07	264.8°/ 50.4°	199
19	CSX60S100 PRO (sy(253)	31	10320	1406	4.36	9.61e-07	206.1°/ 47.4°	151
20	CSX60S100 PRO (sy..(18)	31	10310	1399	4.34	9.63e-07	206.1°/ 47.4°	151

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG(1819.83m / 765.80m / 3.80m)

1	LED Floodlight - ... (226)	88	189100	251000	42.48	2.86e-09	270.0°/ -40.0°	351
2	CSX60S100 PRO (sy..(58)	421	19260	18190	30.22	2.76e-07	171.8°/ 56.2°	290
3	CSX60S100 PRO (sy(293)	421	19280	18190	30.20	2.76e-07	171.8°/ 56.2°	290
4	LED Floodlight - ... (234)	617	14930	10720	22.98	4.60e-07	11.0°/ -40.0°	354
5	LED Floodlight - ... (228)	616	15400	10700	22.23	4.32e-07	10.0°/ -40.0°	365
6	LED Floodlight - ... (233)	128	55960	33350	19.07	3.27e-08	95.0°/ -40.0°	342
7	LED Floodlight - ... (230)	102	45980	16780	11.68	4.84e-08	91.0°/ -40.0°	354
8	CSX60S100 PRO (sy..(42)	46	23250	4631	6.37	1.89e-07	120.2°/ 56.2°	230
9	CSX60S100 PRO (sy(277)	46	23270	4629	6.36	1.89e-07	120.2°/ 56.2°	230
10	CSX60S100 PRO (sy(260)	26	46420	7958	5.49	4.75e-08	296.2°/ 50.4°	261
11	CSX60S100 PRO (sy..(25)	26	46290	7930	5.48	4.78e-08	296.2°/ 50.4°	261
12	CSX60S100 PRO (sy..(17)	73	21520	3092	4.60	2.21e-07	175.8°/ 50.4°	327
13	CSX60S100 PRO (sy(252)	73	21540	3092	4.59	2.21e-07	175.8°/ 50.4°	327
14	CSX60S100 PRO (sy... (1)	37	26610	3378	4.06	1.45e-07	116.2°/ 50.4°	276
15	CSX60S100 PRO (sy(236)	37	26630	3378	4.06	1.44e-07	116.2°/ 50.4°	277
16	CSX60S100 PRO (sy..(26)	40	22040	2772	4.02	2.11e-07	265.9°/ 47.4°	261
17	CSX60S100 PRO (sy(261)	40	22070	2770	4.02	2.10e-07	265.9°/ 47.4°	261
18	CSX60S100 PRO (sy..(57)	53	19090	2251	3.77	2.81e-07	206.5°/ 47.2°	290
19	CSX60S100 PRO (sy(292)	53	19110	2251	3.77	2.80e-07	206.5°/ 47.2°	290
20	CSX60S100 PRO (sy..(49)	32	28430	3008	3.39	1.27e-07	265.5°/ 47.2°	290

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG(1819.83m / 765.80m / 15.80m)

1	LED Floodlight - ... (233)	123	90630	84300	29.77	1.25e-08	95.0°/ -40.0°	342
2	LED Floodlight - ... (234)	580	15230	10490	22.03	4.41e-07	11.0°/ -40.0°	354
3	LED Floodlight - ... (228)	580	15710	10490	21.37	4.15e-07	10.0°/ -40.0°	365
4	LED Floodlight - ... (230)	128	58210	33690	18.52	3.02e-08	91.0°/ -40.0°	354
5	CSX60S100 PRO (sy..(58)	110	19530	4901	8.03	2.69e-07	171.8°/ 56.2°	289
6	CSX60S100 PRO (sy(293)	110	19540	4896	8.02	2.68e-07	171.8°/ 56.2°	290
7	CSX60S100 PRO (sy(260)	21	54540	9076	5.33	3.44e-08	296.2°/ 50.4°	261
8	CSX60S100 PRO (sy..(25)	21	54350	9025	5.31	3.47e-08	296.2°/ 50.4°	260
9	CSX60S100 PRO (sy(429)	27	24070	3518	4.68	1.77e-07	351.8°/ 56.2°	207
10	CSX60S100 PRO (sy(194)	27	24030	3509	4.67	1.77e-07	351.8°/ 56.2°	207
11	CSX60S100 PRO (sy(178)	67	20560	2993	4.66	2.42e-07	299.1°/ 52.7°	303
12	CSX60S100 PRO (sy(413)	67	20560	2996	4.66	2.42e-07	299.1°/ 52.7°	303
13	CSX60S100 PRO (sy..(42)	31	24290	3354	4.42	1.74e-07	120.2°/ 56.2°	230
14	CSX60S100 PRO (sy(277)	31	24310	3353	4.41	1.73e-07	120.2°/ 56.2°	230
15	CSX60S100 PRO (sy(162)	35	23480	3192	4.35	1.86e-07	351.8°/ 56.2°	244
16	CSX60S100 PRO (sy(397)	35	23500	3187	4.34	1.85e-07	351.8°/ 56.2°	244
17	CSX60S100 PRO (sy(252)	58	21840	2512	3.68	2.15e-07	175.8°/ 50.4°	327
18	CSX60S100 PRO (sy..(17)	58	21830	2512	3.68	2.15e-07	175.8°/ 50.4°	327
19	CSX60S300 PRO (LU(283)	3	192700	20820	3.46	2.76e-09	99.2°/ 67.9°	230
20	CSX60S300 PRO (LU.(48)	3	189200	19860	3.36	2.86e-09	99.2°/ 67.9°	230

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O(1846.55m / 848.55m / 2.30m)**d/m²**

1	CSX60S100 PRO (sy..(58)	1709	15370	65750	136.91	4.34e-07	171.8°/ 56.2°	245
2	CSX60S100 PRO (sy(293)	1708	15380	65710	136.69	4.33e-07	171.8°/ 56.2°	245
3	CSX60S200 PRO (LU(278)	26	161400	157800	31.28	3.93e-09	74.9°/ 56.2°	206
4	CSX60S200 PRO (LU.(43)	26	157300	149300	30.36	4.14e-09	74.9°/ 56.2°	205
5	LED Floodlight - ... (234)	577	14160	10470	23.67	5.11e-07	11.0°/ -40.0°	328
6	LED Floodlight - ... (228)	576	14730	10460	22.72	4.72e-07	10.0°/ -40.0°	341
7	CSX60S100 PRO (sy..(42)	175	15210	9367	19.71	4.43e-07	120.2°/ 56.2°	205
8	CSX60S100 PRO (sy(277)	174	15230	9349	19.65	4.42e-07	120.2°/ 56.2°	205
9	LED Floodlight - ... (226)	183	28340	13040	14.73	1.28e-07	270.0°/ -40.0°	332
10	LED Floodlight - ... (227)	122	35250	14680	13.33	8.24e-08	265.0°/ -40.0°	318
11	CSX60S100 PRO (sy..(73)	25	134600	32580	7.75	5.65e-09	264.8°/ 50.4°	369
12	CSX60S100 PRO (sy(308)	25	134600	32530	7.73	5.65e-09	264.8°/ 50.4°	369
13	CSX60S100 PRO (sy..(41)	28	30030	5833	6.22	1.14e-07	85.5°/ 47.2°	205
14	CSX60S100 PRO (sy(276)	28	30090	5847	6.22	1.13e-07	85.5°/ 47.2°	206
15	CSX60S100 PRO (sy..(17)	81	18850	3279	5.57	2.88e-07	175.8°/ 50.4°	293
16	CSX60S100 PRO (sy(252)	81	18860	3279	5.56	2.88e-07	175.8°/ 50.4°	293
17	CSX60S100 PRO (sy..(26)	34	21510	3685	5.48	2.21e-07	265.9°/ 47.4°	203
18	CSX60S100 PRO (sy(261)	34	21550	3686	5.47	2.21e-07	265.9°/ 47.4°	203
19	CSX60S100 PRO (sy... (1)	60	19990	3409	5.46	2.56e-07	116.2°/ 50.4°	261
20	CSX60S100 PRO (sy(236)	60	20010	3408	5.45	2.56e-07	116.2°/ 50.4°	261

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O(1846.55m / 848.55m / 14.30m)**cd/m²**

1	LED Floodlight - ... (234)	490	14480	9300	20.55	4.88e-07	11.0°/ -40.0°	328
2	LED Floodlight - ... (228)	490	15060	9296	19.76	4.52e-07	10.0°/ -40.0°	341
3	CSX60S100 PRO (sy..(58)	227	15570	9006	18.50	4.22e-07	171.8°/ 56.2°	244
4	CSX60S100 PRO (sy(293)	227	15590	9002	18.48	4.21e-07	171.8°/ 56.2°	245
5	CSX60S100 PRO (sy..(73)	22	325200	165200	16.26	9.68e-10	264.8°/ 50.4°	369
6	LED Floodlight - ... (226)	184	31170	15830	16.25	1.05e-07	270.0°/ -40.0°	332
7	CSX60S100 PRO (sy(308)	22	323700	163500	16.16	9.77e-10	264.8°/ 50.4°	369
8	LED Floodlight - ... (227)	107	42330	18530	14.01	5.72e-08	265.0°/ -40.0°	318
9	CSX60S100 PRO (sy..(42)	80	15560	4499	9.25	4.23e-07	120.2°/ 56.2°	204
10	CSX60S100 PRO (sy(277)	79	15580	4491	9.22	4.22e-07	120.2°/ 56.2°	205
11	CSX60S100 PRO (sy(276)	23	34730	6332	5.83	8.49e-08	85.5°/ 47.2°	205
12	CSX60S100 PRO (sy..(41)	23	34660	6312	5.83	8.53e-08	85.5°/ 47.2°	205
13	CSX60S100 PRO (sy..(17)	65	19120	2722	4.56	2.80e-07	175.8°/ 50.4°	293
14	CSX60S100 PRO (sy(252)	65	19140	2722	4.55	2.80e-07	175.8°/ 50.4°	293
15	CSX60S100 PRO (sy..(49)	22	39490	5549	4.50	6.57e-08	265.5°/ 47.2°	245
16	CSX60S100 PRO (sy(284)	22	39540	5549	4.49	6.55e-08	265.5°/ 47.2°	246
17	CSX60S100 PRO (sy..(26)	23	23020	2953	4.10	1.93e-07	265.9°/ 47.4°	203
18	CSX60S100 PRO (sy(261)	23	23060	2956	4.10	1.93e-07	265.9°/ 47.4°	203
19	CSX60S100 PRO (sy... (1)	41	20470	2468	3.86	2.44e-07	116.2°/ 50.4°	261
20	CSX60S100 PRO (sy(236)	41	20500	2466	3.85	2.44e-07	116.2°/ 50.4°	261

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1739	15720	66640	135.63	4.14e-07	171.8°/ 56.2°	251
2	CSX60S100 PRO (sy(293)	1737	15740	66570	135.35	4.13e-07	171.8°/ 56.2°	251
3	CSX60S100 PRO (sy(194)	144	10420	9270	28.45	9.42e-07	351.8°/ 56.2°	128
4	CSX60S100 PRO (sy(429)	143	10430	9247	28.37	9.41e-07	351.8°/ 56.2°	128
5	CSX60S100 PRO (sy(428)	36	36660	28360	24.75	7.62e-08	26.5°/ 47.2°	128
6	CSX60S100 PRO (sy(193)	35	36140	27380	24.24	7.84e-08	26.5°/ 47.2°	128
7	LED Floodlight - ... (234)	573	14500	10440	23.03	4.87e-07	11.0°/ -40.0°	336
8	LED Floodlight - ... (228)	571	15080	10430	22.13	4.50e-07	10.0°/ -40.0°	349
9	CSX60S100 PRO (sy(162)	158	13040	8753	21.48	6.02e-07	351.8°/ 56.2°	173
10	CSX60S100 PRO (sy(397)	158	13040	8752	21.48	6.02e-07	351.8°/ 56.2°	173
11	CSX60S100 PRO (sy..(42)	175	15650	9279	18.98	4.18e-07	120.2°/ 56.2°	213
12	CSX60S100 PRO (sy(277)	175	15670	9272	18.94	4.17e-07	120.2°/ 56.2°	213
13	CSX60S100 PRO (sy(210)	135	12430	5891	15.17	6.63e-07	299.1°/ 52.7°	186
14	CSX60S100 PRO (sy(445)	134	12430	5865	15.10	6.63e-07	299.1°/ 52.7°	186
15	LED Floodlight - ... (226)	192	28430	13120	14.77	1.27e-07	270.0°/ -40.0°	340
16	LED Floodlight - ... (227)	139	34840	15610	14.34	8.44e-08	265.0°/ -40.0°	325
17	CSX60S100 PRO (sy(178)	131	14200	5335	12.02	5.08e-07	299.1°/ 52.7°	220
18	CSX60S100 PRO (sy(413)	131	14200	5332	12.02	5.08e-07	299.1°/ 52.7°	219
19	CSX60S300 PRO (LL(199)	8	68740	22980	10.70	2.17e-08	27.4°/ 67.1°	128
20	CSX60S100 PRO (sy..(73)	25	175700	54370	9.90	3.32e-09	264.8°/ 50.4°	376

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 14.30m)**I cd/m²**

1	LED Floodlight - ... (234)	480	14830	9140	19.72	4.66e-07	11.0°/ -40.0°	336
2	LED Floodlight - ... (228)	480	15410	9144	18.99	4.31e-07	10.0°/ -40.0°	349
3	CSX60S100 PRO (sy..(58)	236	15930	9299	18.68	4.04e-07	171.8°/ 56.2°	250
4	CSX60S100 PRO (sy(293)	235	15940	9295	18.65	4.03e-07	171.8°/ 56.2°	251
5	LED Floodlight - ... (226)	190	31080	15570	16.03	1.06e-07	270.0°/ -40.0°	340
6	LED Floodlight - ... (227)	102	41030	15820	12.34	6.08e-08	265.0°/ -40.0°	325
7	CSX60S100 PRO (sy(194)	51	10920	3621	10.61	8.58e-07	351.8°/ 56.2°	127
8	CSX60S100 PRO (sy(308)	16	304300	100700	10.59	1.11e-09	264.8°/ 50.4°	376
9	CSX60S100 PRO (sy(429)	50	10930	3614	10.58	8.57e-07	351.8°/ 56.2°	127
10	CSX60S100 PRO (sy..(73)	16	302600	99360	10.51	1.12e-09	264.8°/ 50.4°	376
11	CSX60S100 PRO (sy(162)	65	13430	3825	9.11	5.67e-07	351.8°/ 56.2°	173
12	CSX60S100 PRO (sy..(42)	82	16000	4550	9.10	4.00e-07	120.2°/ 56.2°	212
13	CSX60S100 PRO (sy(277)	82	16020	4550	9.09	3.99e-07	120.2°/ 56.2°	212
14	CSX60S100 PRO (sy(397)	64	13430	3814	9.09	5.68e-07	351.8°/ 56.2°	173
15	CSX60S100 PRO (sy(210)	66	12720	3052	7.68	6.33e-07	299.1°/ 52.7°	186
16	CSX60S100 PRO (sy(445)	66	12720	3051	7.67	6.32e-07	299.1°/ 52.7°	186
17	CSX60S100 PRO (sy(396)	21	34340	8132	7.58	8.68e-08	26.5°/ 47.2°	173
18	CSX60S100 PRO (sy(161)	21	34190	8047	7.53	8.76e-08	26.5°/ 47.2°	173
19	CSX60S100 PRO (sy(413)	72	14460	3070	6.79	4.90e-07	299.1°/ 52.7°	219
20	CSX60S100 PRO (sy(178)	72	14460	3064	6.78	4.90e-07	299.1°/ 52.7°	219

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **l/m²**

1	CSX60S100 PRO (sy..(58)	1553	16750	59390	113.49	3.65e-07	171.8°/ 56.2°	268
2	CSX60S100 PRO (sy(293)	1551	16760	59320	113.25	3.64e-07	171.8°/ 56.2°	268
3	LED Floodlight - ... (234)	546	15450	10130	20.98	4.29e-07	11.0°/ -40.0°	355
4	LED Floodlight - ... (228)	545	16040	10110	20.18	3.98e-07	10.0°/ -40.0°	368
5	CSX60S100 PRO (sy..(42)	162	16910	8389	15.87	3.58e-07	120.2°/ 56.2°	232
6	CSX60S100 PRO (sy(277)	162	16930	8381	15.84	3.57e-07	120.2°/ 56.2°	232
7	LED Floodlight - ... (227)	157	35280	16110	14.61	8.22e-08	265.0°/ -40.0°	345
8	LED Floodlight - ... (226)	202	29340	13170	14.37	1.19e-07	270.0°/ -40.0°	359
9	CSX60S100 PRO (sy(308)	13	242000	46570	6.16	1.75e-09	264.8°/ 50.4°	395
10	CSX60S100 PRO (sy..(73)	13	241100	46060	6.11	1.76e-09	264.8°/ 50.4°	394
11	CSX60S100 PRO (sy..(49)	25	48730	8118	5.33	4.31e-08	265.5°/ 47.2°	269
12	CSX60S100 PRO (sy(284)	25	48780	8121	5.33	4.30e-08	265.5°/ 47.2°	269
13	CSX60S200 PRO (LU(278)	12	69420	10870	5.01	2.12e-08	74.9°/ 56.2°	233
14	CSX60S100 PRO (sy..(26)	28	27750	4289	4.95	1.33e-07	265.9°/ 47.4°	223
15	CSX60S100 PRO (sy(261)	28	27790	4290	4.94	1.33e-07	265.9°/ 47.4°	223
16	CSX60S100 PRO (sy..(41)	27	31570	4853	4.92	1.03e-07	85.5°/ 47.2°	232
17	CSX60S200 PRO (LU.(43)	12	69100	10610	4.91	2.14e-08	74.9°/ 56.2°	232
18	CSX60S100 PRO (sy(276)	27	31630	4857	4.91	1.02e-07	85.5°/ 47.2°	232
19	CSX60S100 PRO (sy..(17)	77	20520	3139	4.90	2.43e-07	175.8°/ 50.4°	318
20	CSX60S100 PRO (sy(252)	77	20530	3138	4.89	2.43e-07	175.8°/ 50.4°	318

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	437	16850	16950	32.20	3.61e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	437	16860	16940	32.15	3.60e-07	171.8°/ 56.2°	268
3	LED Floodlight - ... (234)	495	15620	9379	19.22	4.20e-07	11.0°/ -40.0°	355
4	LED Floodlight - ... (228)	496	16200	9389	18.55	3.90e-07	10.0°/ -40.0°	368
5	LED Floodlight - ... (226)	186	30470	13060	13.71	1.10e-07	270.0°/ -40.0°	359
6	LED Floodlight - ... (227)	130	37620	15120	12.86	7.24e-08	265.0°/ -40.0°	345
7	CSX60S100 PRO (sy..(42)	118	17080	6231	11.67	3.51e-07	120.2°/ 56.2°	232
8	CSX60S100 PRO (sy(277)	117	17100	6223	11.65	3.50e-07	120.2°/ 56.2°	232
9	CSX60S100 PRO (sy..(49)	23	52780	8666	5.25	3.68e-08	265.5°/ 47.2°	268
10	CSX60S100 PRO (sy(284)	23	52840	8669	5.25	3.67e-08	265.5°/ 47.2°	269
11	CSX60S100 PRO (sy..(41)	24	33170	4839	4.67	9.31e-08	85.5°/ 47.2°	232
12	CSX60S100 PRO (sy(276)	24	33230	4840	4.66	9.27e-08	85.5°/ 47.2°	232
13	CSX60S100 PRO (sy..(17)	72	20650	2960	4.59	2.40e-07	175.8°/ 50.4°	318
14	CSX60S100 PRO (sy(252)	72	20670	2960	4.58	2.40e-07	175.8°/ 50.4°	318
15	CSX60S100 PRO (sy(261)	24	29000	3992	4.41	1.22e-07	265.9°/ 47.4°	223
16	CSX60S100 PRO (sy..(26)	24	28950	3992	4.41	1.22e-07	265.9°/ 47.4°	222
17	CSX60S100 PRO (sy... (1)	48	22150	2749	3.97	2.09e-07	116.2°/ 50.4°	289
18	CSX60S100 PRO (sy(236)	48	22170	2748	3.97	2.08e-07	116.2°/ 50.4°	289
19	CSX60S100 PRO (sy... (2)	24	36460	3662	3.21	7.70e-08	85.9°/ 47.4°	289
20	CSX60S100 PRO (sy(237)	24	36510	3666	3.21	7.68e-08	85.9°/ 47.4°	289

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	1547	16680	59070	113.29	3.68e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	1545	16700	58990	113.03	3.67e-07	171.8°/ 56.2°	267
3	CSX60S100 PRO (sy(194)	113	9361	8224	28.11	1.17e-06	351.8°/ 56.2°	108
4	CSX60S100 PRO (sy(429)	112	9370	8216	28.06	1.17e-06	351.8°/ 56.2°	108
5	CSX60S100 PRO (sy(162)	142	11690	8194	22.43	7.49e-07	351.8°/ 56.2°	152
6	CSX60S100 PRO (sy(397)	141	11690	8196	22.43	7.49e-07	351.8°/ 56.2°	152
7	LED Floodlight - ... (234)	539	15470	10030	20.75	4.28e-07	11.0°/ -40.0°	354
8	LED Floodlight - ... (228)	538	16050	10010	19.96	3.97e-07	10.0°/ -40.0°	368
9	CSX60S100 PRO (sy..(42)	168	16820	8638	16.43	3.62e-07	120.2°/ 56.2°	232
10	CSX60S100 PRO (sy(277)	168	16840	8625	16.39	3.61e-07	120.2°/ 56.2°	232
11	LED Floodlight - ... (227)	166	34470	16200	15.04	8.62e-08	265.0°/ -40.0°	345
12	LED Floodlight - ... (226)	201	28930	12710	14.06	1.22e-07	270.0°/ -40.0°	359
13	CSX60S100 PRO (sy(210)	109	11790	5007	13.59	7.36e-07	299.1°/ 52.7°	172
14	CSX60S100 PRO (sy(445)	108	11800	5002	13.57	7.36e-07	299.1°/ 52.7°	172
15	CSX60S100 PRO (sy(413)	110	13230	4619	11.17	5.85e-07	299.1°/ 52.7°	202
16	CSX60S100 PRO (sy(178)	110	13230	4605	11.14	5.85e-07	299.1°/ 52.7°	202
17	CSX60S100 PRO (sy(396)	27	27520	8603	10.00	1.35e-07	26.5°/ 47.2°	152
18	CSX60S100 PRO (sy(161)	27	27410	8475	9.89	1.36e-07	26.5°/ 47.2°	152
19	CSX60S100 PRO (sy(146)	54	11320	2865	8.10	7.99e-07	206.1°/ 47.4°	153
20	CSX60S100 PRO (sy(381)	54	11330	2862	8.09	7.98e-07	206.1°/ 47.4°	153

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy..(58)	432	16780	16710	31.86	3.63e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	431	16800	16690	31.79	3.63e-07	171.8°/ 56.2°	267
3	LED Floodlight - ... (234)	487	15630	9254	18.94	4.19e-07	11.0°/ -40.0°	354
4	LED Floodlight - ... (228)	488	16220	9268	18.29	3.89e-07	10.0°/ -40.0°	368
5	CSX60S100 PRO (sy(429)	61	9653	4765	15.80	1.10e-06	351.8°/ 56.2°	108
6	CSX60S100 PRO (sy(194)	61	9642	4751	15.77	1.10e-06	351.8°/ 56.2°	108
7	CSX60S100 PRO (sy(162)	89	11890	5352	14.41	7.24e-07	351.8°/ 56.2°	152
8	CSX60S100 PRO (sy(397)	89	11890	5353	14.41	7.24e-07	351.8°/ 56.2°	151
9	LED Floodlight - ... (226)	192	30010	13120	13.99	1.14e-07	270.0°/ -40.0°	359
10	LED Floodlight - ... (227)	143	36630	15790	13.79	7.63e-08	265.0°/ -40.0°	344
11	CSX60S100 PRO (sy..(42)	121	16980	6317	11.90	3.55e-07	120.2°/ 56.2°	232
12	CSX60S100 PRO (sy(277)	120	17000	6313	11.88	3.54e-07	120.2°/ 56.2°	232
13	CSX60S100 PRO (sy(396)	23	31990	10030	10.03	1.00e-07	26.5°/ 47.2°	152
14	CSX60S100 PRO (sy(161)	23	31800	9870	9.93	1.01e-07	26.5°/ 47.2°	152
15	CSX60S100 PRO (sy(210)	72	11940	3437	9.21	7.18e-07	299.1°/ 52.7°	171
16	CSX60S100 PRO (sy(445)	72	11950	3439	9.21	7.17e-07	299.1°/ 52.7°	171
17	CSX60S100 PRO (sy(178)	79	13360	3402	8.15	5.74e-07	299.1°/ 52.7°	202
18	CSX60S100 PRO (sy(413)	79	13360	3398	8.14	5.74e-07	299.1°/ 52.7°	202
19	CSX60S100 PRO (sy(380)	28	16830	3322	6.32	3.62e-07	175.8°/ 50.4°	153
20	CSX60S100 PRO (sy(145)	28	16850	3320	6.30	3.61e-07	175.8°/ 50.4°	153

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(58)	1414	18250	53740	94.25	3.08e-07	171.8°/ 56.2°	292
2	CSX60S100 PRO (sy(293)	1411	18260	53630	93.98	3.07e-07	171.8°/ 56.2°	293
3	CSX60S100 PRO (sy(445)	109	11570	5649	15.62	7.65e-07	299.1°/ 52.7°	159
4	CSX60S100 PRO (sy(210)	109	11560	5636	15.60	7.67e-07	299.1°/ 52.7°	159
5	CSX60S100 PRO (sy(413)	117	12270	5122	13.35	6.80e-07	299.1°/ 52.7°	183
6	CSX60S100 PRO (sy(178)	117	12270	5118	13.35	6.80e-07	299.1°/ 52.7°	183
7	CSX60S100 PRO (sy(145)	57	13080	4193	10.26	5.98e-07	175.8°/ 50.4°	151
8	CSX60S100 PRO (sy(380)	57	13080	4188	10.24	5.98e-07	175.8°/ 50.4°	151
9	CSX60S100 PRO (sy(218)	29	27220	8128	9.56	1.38e-07	171.8°/ 56.2°	159
10	CSX60S100 PRO (sy(453)	29	27080	8054	9.52	1.40e-07	171.8°/ 56.2°	160
11	CSX60S100 PRO (sy(146)	61	10410	2852	8.77	9.46e-07	206.1°/ 47.4°	150
12	CSX60S100 PRO (sy(381)	61	10410	2851	8.76	9.45e-07	206.1°/ 47.4°	150
13	CSX60S100 PRO (sy(209)	66	10420	2779	8.54	9.44e-07	265.5°/ 47.2°	159
14	CSX60S100 PRO (sy(444)	66	10420	2773	8.51	9.43e-07	265.5°/ 47.2°	159
15	CSX60S100 PRO (sy(452)	46	12750	2879	7.23	6.30e-07	206.5°/ 47.2°	159
16	CSX60S100 PRO (sy(217)	46	12760	2865	7.19	6.29e-07	206.5°/ 47.2°	159
17	CSX60S300 PRO (LU(266)	6	212400	46010	6.93	2.27e-09	274.8°/ 68.0°	245
18	CSX60S300 PRO (LU.(31)	6	210200	45090	6.86	2.32e-09	274.8°/ 68.0°	244
19	CSX60S100 PRO (sy(412)	61	12020	2570	6.84	7.09e-07	265.5°/ 47.2°	183
20	CSX60S100 PRO (sy..(49)	24	77100	16300	6.76	1.72e-08	265.5°/ 47.2°	294

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy(396)	26	106500	184600	55.46	9.03e-09	26.5°/ 47.2°	125
2	CSX60S100 PRO (sy(161)	26	93930	143300	48.82	1.16e-08	26.5°/ 47.2°	125
3	CSX60S100 PRO (sy..(58)	491	18350	18910	32.98	3.04e-07	171.8°/ 56.2°	292
4	CSX60S100 PRO (sy(293)	491	18360	18890	32.92	3.04e-07	171.8°/ 56.2°	292
5	LED Floodlight - ... (234)	456	16980	8773	16.54	3.55e-07	11.0°/ -40.0°	382
6	CSX60S100 PRO (sy(162)	78	10420	5329	16.36	9.43e-07	351.8°/ 56.2°	125
7	CSX60S100 PRO (sy(397)	78	10430	5323	16.34	9.42e-07	351.8°/ 56.2°	125
8	LED Floodlight - ... (228)	459	17560	8826	16.08	3.32e-07	10.0°/ -40.0°	396
9	CSX60S100 PRO (sy(429)	36	9663	4550	15.07	1.10e-06	351.8°/ 56.2°	85
10	CSX60S100 PRO (sy(194)	36	9623	4528	15.06	1.11e-06	351.8°/ 56.2°	85
11	LED Floodlight - ... (227)	174	36560	16260	14.23	7.66e-08	265.0°/ -40.0°	373
12	LED Floodlight - ... (226)	200	30920	12380	12.81	1.07e-07	270.0°/ -40.0°	388
13	CSX60S100 PRO (sy..(42)	124	18830	6290	10.69	2.89e-07	120.2°/ 56.2°	261
14	CSX60S100 PRO (sy(277)	124	18850	6282	10.66	2.88e-07	120.2°/ 56.2°	261
15	CSX60S100 PRO (sy(210)	65	11740	3510	9.57	7.43e-07	299.1°/ 52.7°	158
16	CSX60S100 PRO (sy(445)	65	11750	3500	9.53	7.41e-07	299.1°/ 52.7°	158
17	CSX60S100 PRO (sy(453)	24	29840	8372	8.98	1.15e-07	171.8°/ 56.2°	159
18	CSX60S100 PRO (sy(218)	24	30030	8425	8.98	1.14e-07	171.8°/ 56.2°	159
19	CSX60S100 PRO (sy(413)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183
20	CSX60S100 PRO (sy(178)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LL(399)	78	21440	53920	80.47	2.23e-07	3.4°/ 58.6°	81
2	CSX60S200 PRO (LL(164)	79	20860	51440	78.89	2.35e-07	3.4°/ 58.6°	81
3	CSX60S100 PRO (sy..(58)	1143	21540	43460	64.57	2.21e-07	171.8°/ 56.2°	345
4	CSX60S100 PRO (sy(293)	1141	21550	43390	64.42	2.20e-07	171.8°/ 56.2°	345
5	CSX60S100 PRO (sy(397)	55	9892	8081	26.14	1.05e-06	351.8°/ 56.2°	81
6	CSX60S100 PRO (sy(162)	55	9836	8028	26.12	1.06e-06	351.8°/ 56.2°	81
7	CSX60S100 PRO (sy(373)	32	35640	25850	23.21	8.06e-08	26.1°/ 47.4°	125
8	CSX60S100 PRO (sy(138)	32	35110	24920	22.71	8.30e-08	26.1°/ 47.4°	125
9	CSX60S100 PRO (sy(129)	48	10060	5856	18.63	1.01e-06	116.2°/ 50.4°	90
10	CSX60S100 PRO (sy(364)	48	10080	5841	18.54	1.01e-06	116.2°/ 50.4°	90
11	CSX60S100 PRO (sy(178)	105	11720	5757	15.72	7.46e-07	299.1°/ 52.7°	157
12	CSX60S100 PRO (sy(413)	105	11730	5749	15.68	7.44e-07	299.1°/ 52.7°	157
13	CSX60S100 PRO (sy(453)	80	13240	6162	14.89	5.84e-07	171.8°/ 56.2°	149
14	CSX60S100 PRO (sy(218)	80	13240	6144	14.85	5.84e-07	171.8°/ 56.2°	149
15	LED Floodlight - ... (234)	444	19520	8584	14.07	2.69e-07	11.0°/ -40.0°	439
16	LED Floodlight - ... (228)	451	20100	8686	13.83	2.53e-07	10.0°/ -40.0°	452
17	CSX60S100 PRO (sy(137)	62	10980	4708	13.72	8.49e-07	355.8°/ 50.4°	125
18	CSX60S100 PRO (sy(372)	62	10990	4699	13.69	8.48e-07	355.8°/ 50.4°	125
19	CSX60S100 PRO (sy..(42)	185	22420	8935	12.75	2.04e-07	120.2°/ 56.2°	319
20	CSX60S100 PRO (sy(277)	185	22440	8928	12.73	2.03e-07	120.2°/ 56.2°	319

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S200 PRO (LL(399)	17	50850	67130	42.25	3.96e-08	3.4°/ 58.6°	80
2	CSX60S100 PRO (sy(373)	26	79110	102800	41.58	1.64e-08	26.1°/ 47.4°	124
3	CSX60S100 PRO (sy(138)	26	73480	88370	38.48	1.90e-08	26.1°/ 47.4°	124
4	CSX60S200 PRO (LL(164)	14	44180	42350	30.68	5.25e-08	3.4°/ 58.6°	80
5	CSX60S100 PRO (sy..(58)	403	21640	15480	22.89	2.19e-07	171.8°/ 56.2°	345
6	CSX60S100 PRO (sy(293)	402	21660	15460	22.84	2.18e-07	171.8°/ 56.2°	345
7	CSX60S100 PRO (sy(162)	32	10770	5614	16.69	8.83e-07	351.8°/ 56.2°	80
8	CSX60S100 PRO (sy(397)	31	10840	5652	16.68	8.71e-07	351.8°/ 56.2°	80
9	CSX60S100 PRO (sy(129)	31	10870	4430	13.04	8.67e-07	116.2°/ 50.4°	89
10	CSX60S100 PRO (sy(364)	31	10890	4419	12.98	8.63e-07	116.2°/ 50.4°	89
11	LED Floodlight - ... (234)	399	19690	7856	12.77	2.64e-07	11.0°/ -40.0°	439
12	LED Floodlight - ... (228)	407	20280	7983	12.60	2.49e-07	10.0°/ -40.0°	452
13	LED Floodlight - ... (227)	185	38050	14070	11.83	7.07e-08	265.0°/ -40.0°	431
14	CSX60S100 PRO (sy(453)	53	13560	4289	10.12	5.57e-07	171.8°/ 56.2°	149
15	CSX60S100 PRO (sy(218)	53	13560	4277	10.09	5.57e-07	171.8°/ 56.2°	149
16	CSX60S100 PRO (sy(178)	61	11910	3466	9.31	7.21e-07	299.1°/ 52.7°	156
17	CSX60S100 PRO (sy(413)	61	11930	3467	9.30	7.20e-07	299.1°/ 52.7°	156
18	CSX60S100 PRO (sy(372)	40	11340	3234	9.12	7.96e-07	355.8°/ 50.4°	124
19	CSX60S100 PRO (sy(137)	40	11340	3226	9.11	7.97e-07	355.8°/ 50.4°	124
20	CSX60S100 PRO (sy..(42)	121	22580	5937	8.42	2.01e-07	120.2°/ 56.2°	319

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S200 PRO (LL(409)	31	62760	259400	132.25	2.60e-08	129.4°/ 62.9°	67
2	CSX60S200 PRO (LL(174)	26	50220	143400	91.37	4.06e-08	129.4°/ 62.9°	67
3	CSX60S300 PRO (LL(208)	44	43620	100700	73.88	5.38e-08	99.2°/ 67.9°	90
4	CSX60S300 PRO (LL(443)	43	43180	97030	71.92	5.49e-08	99.2°/ 67.9°	90
5	CSX60S100 PRO (sy..(58)	804	25000	30700	39.29	1.64e-07	171.8°/ 56.2°	400
6	CSX60S100 PRO (sy(293)	803	25020	30660	39.22	1.64e-07	171.8°/ 56.2°	400
7	CSX60S200 PRO (LL(374)	75	10060	11530	36.67	1.01e-06	352.4°/ 57.6°	80
8	CSX60S200 PRO (LL(139)	75	10000	11400	36.48	1.02e-06	352.4°/ 57.6°	80
9	CSX60S200 PRO (LL(367)	34	61120	64030	33.52	2.74e-08	81.6°/ 56.8°	138
10	CSX60S200 PRO (LL(132)	34	60570	63270	33.43	2.79e-08	81.6°/ 56.8°	138
11	CSX60S100 PRO (sy(218)	234	11430	11360	31.79	7.83e-07	171.8°/ 56.2°	162
12	CSX60S100 PRO (sy(453)	234	11450	11360	31.76	7.82e-07	171.8°/ 56.2°	162
13	CSX60S100 PRO (sy(202)	88	8848	8326	30.11	1.31e-06	120.2°/ 56.2°	90
14	CSX60S100 PRO (sy(437)	87	8869	8304	29.96	1.30e-06	120.2°/ 56.2°	90
15	CSX60S100 PRO (sy(372)	51	11150	9503	27.26	8.23e-07	355.8°/ 50.4°	80
16	CSX60S100 PRO (sy(137)	51	11080	9388	27.12	8.34e-07	355.8°/ 50.4°	80
17	CSX60S200 PRO (LL(204)	56	12340	10290	26.68	6.72e-07	108.6°/ 58.6°	90
18	CSX60S200 PRO (LL(439)	56	12370	10250	26.52	6.70e-07	108.6°/ 58.6°	90
19	CSX60S100 PRO (sy(421)	108	12670	7461	18.84	6.38e-07	171.8°/ 56.2°	151
20	CSX60S100 PRO (sy(186)	108	12670	7454	18.83	6.38e-07	171.8°/ 56.2°	151

I(p) IO 14 Schwarzkehlchenweg 30 O(1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(218)	149	11580	7452	20.60	7.64e-07	171.8°/ 56.2°	162
2	CSX60S100 PRO (sy(453)	149	11590	7457	20.59	7.63e-07	171.8°/ 56.2°	162
3	CSX60S100 PRO (sy..(58)	383	25110	14750	18.80	1.62e-07	171.8°/ 56.2°	400
4	CSX60S100 PRO (sy(293)	382	25120	14740	18.78	1.62e-07	171.8°/ 56.2°	400
5	CSX60S100 PRO (sy(372)	29	12930	7482	18.52	6.13e-07	355.8°/ 50.4°	80
6	CSX60S100 PRO (sy(137)	29	12810	7363	18.40	6.24e-07	355.8°/ 50.4°	80
7	CSX60S100 PRO (sy(202)	46	9273	4860	16.77	1.19e-06	120.2°/ 56.2°	89
8	CSX60S100 PRO (sy(437)	46	9293	4855	16.72	1.19e-06	120.2°/ 56.2°	89
9	CSX60S100 PRO (sy(130)	24	32800	13330	13.01	9.52e-08	85.9°/ 47.4°	137
10	CSX60S100 PRO (sy(365)	24	32910	13360	12.99	9.45e-08	85.9°/ 47.4°	138
11	CSX60S200 PRO (LL(132)	8	97910	38760	12.67	1.07e-08	81.6°/ 56.8°	138
12	CSX60S200 PRO (LL(367)	8	96560	36880	12.22	1.10e-08	81.6°/ 56.8°	138
13	CSX60S100 PRO (sy(421)	67	12930	4848	12.00	6.13e-07	171.8°/ 56.2°	151
14	CSX60S100 PRO (sy(186)	67	12930	4837	11.97	6.13e-07	171.8°/ 56.2°	150
15	LED Floodlight - ... (234)	384	22450	7695	10.97	2.03e-07	11.0°/ -40.0°	496
16	LED Floodlight - ... (228)	385	23030	7688	10.68	1.93e-07	10.0°/ -40.0°	510
17	LED Floodlight - ... (227)	198	40270	13170	10.47	6.31e-08	265.0°/ -40.0°	488
18	CSX60S100 PRO (sy(445)	23	35700	11070	9.92	8.04e-08	299.1°/ 52.7°	162
19	CSX60S100 PRO (sy(210)	23	35470	10960	9.89	8.14e-08	299.1°/ 52.7°	162
20	CSX60S300 PRO (LL(443)	5	50300	15260	9.71	4.05e-08	99.2°/ 67.9°	90

I(p) IO 15 Schwarzkehlchenweg 44 E(1658.55m / 980.45m / 2.60m)²

1	CSX60S300 PRO (LL(176)	38	138300	868500	200.94	5.35e-09	99.2°/ 67.9°	90
2	CSX60S300 PRO (LL(411)	38	122300	680800	178.19	6.85e-09	99.2°/ 67.9°	90
3	CSX60S100 PRO (sy(218)	701	12220	29310	76.75	6.86e-07	171.8°/ 56.2°	187
4	CSX60S100 PRO (sy(453)	702	12230	29340	76.74	6.84e-07	171.8°/ 56.2°	187
5	CSX60S200 PRO (LL(172)	65	12770	12740	31.93	6.28e-07	108.6°/ 58.6°	90
6	CSX60S100 PRO (sy(186)	234	11500	11440	31.83	7.74e-07	171.8°/ 56.2°	163
7	CSX60S100 PRO (sy(421)	234	11510	11420	31.74	7.72e-07	171.8°/ 56.2°	163
8	CSX60S200 PRO (LL(407)	64	12790	12570	31.45	6.26e-07	108.6°/ 58.6°	90
9	CSX60S100 PRO (sy..(58)	677	27960	26010	29.77	1.31e-07	171.8°/ 56.2°	446
10	CSX60S100 PRO (sy(293)	676	27970	25980	29.72	1.31e-07	171.8°/ 56.2°	446
11	CSX60S100 PRO (sy(170)	85	8992	8331	29.65	1.27e-06	120.2°/ 56.2°	90
12	CSX60S100 PRO (sy(405)	85	9013	8311	29.51	1.26e-06	120.2°/ 56.2°	90
13	CSX60S100 PRO (sy(202)	152	10240	9388	29.34	9.77e-07	120.2°/ 56.2°	129
14	CSX60S100 PRO (sy(437)	152	10260	9373	29.24	9.73e-07	120.2°/ 56.2°	129
15	CSX60S100 PRO (sy(201)	34	28350	15840	17.88	1.27e-07	85.5°/ 47.2°	129
16	CSX60S100 PRO (sy(436)	33	28460	15860	17.84	1.26e-07	85.5°/ 47.2°	129
17	CSX60S300 PRO (LL(207)	12	48510	16780	11.07	4.35e-08	84.6°/ 67.1°	129
18	CSX60S300 PRO (LL(442)	12	48820	16690	10.94	4.30e-08	84.6°/ 67.1°	129
19	CSX60S100 PRO (sy(413)	29	30040	9524	10.15	1.13e-07	299.1°/ 52.7°	163
20	CSX60S100 PRO (sy(178)	29	29890	9454	10.12	1.15e-07	299.1°/ 52.7°	163

I(p) IO 15 Schwarzkehlchenweg 44 O(1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(218)	300	12330	12820	33.27	6.73e-07	171.8°/ 56.2°	186
2	CSX60S100 PRO (sy(453)	301	12350	12830	33.25	6.72e-07	171.8°/ 56.2°	187
3	CSX60S100 PRO (sy(421)	151	11660	7577	20.80	7.54e-07	171.8°/ 56.2°	162
4	CSX60S100 PRO (sy(186)	150	11650	7562	20.78	7.55e-07	171.8°/ 56.2°	162
5	CSX60S100 PRO (sy(201)	26	38380	22530	18.78	6.95e-08	85.5°/ 47.2°	128
6	CSX60S100 PRO (sy(436)	26	38550	22630	18.78	6.89e-08	85.5°/ 47.2°	129
7	CSX60S100 PRO (sy(202)	93	10440	5993	18.36	9.39e-07	120.2°/ 56.2°	128
8	CSX60S100 PRO (sy(437)	92	10470	5986	18.30	9.35e-07	120.2°/ 56.2°	129
9	CSX60S100 PRO (sy(170)	45	9439	4903	16.62	1.15e-06	120.2°/ 56.2°	89
10	CSX60S100 PRO (sy(405)	45	9459	4897	16.57	1.14e-06	120.2°/ 56.2°	89
11	CSX60S100 PRO (sy..(58)	340	28060	13170	15.02	1.30e-07	171.8°/ 56.2°	446
12	CSX60S100 PRO (sy(293)	340	28080	13170	15.01	1.30e-07	171.8°/ 56.2°	446
13	LED Floodlight - ... (234)	381	24770	7742	10.00	1.67e-07	11.0°/ -40.0°	543
14	CSX60S300 PRO (LL(442)	5	101600	31230	9.84	9.93e-09	84.6°/ 67.1°	129
15	LED Floodlight - ... (228)	381	25340	7706	9.73	1.60e-07	10.0°/ -40.0°	557
16	CSX60S300 PRO (LL(207)	5	99710	30180	9.69	1.03e-08	84.6°/ 67.1°	129
17	CSX60S100 PRO (sy(413)	24	34060	10280	9.66	8.83e-08	299.1°/ 52.7°	163
18	CSX60S100 PRO (sy(178)	24	33860	10210	9.65	8.93e-08	299.1°/ 52.7°	162
19	LED Floodlight - ... (227)	199	42520	12220	9.20	5.66e-08	265.0°/ -40.0°	536
20	CSX60S100 PRO (sy(153)	39	13780	3208	7.45	5.40e-07	296.2°/ 50.4°	150

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy(437)	897	15240	36390	76.42	4.41e-07	120.2°/ 56.2°	236
2	CSX60S100 PRO (sy(202)	894	15240	36260	76.14	4.41e-07	120.2°/ 56.2°	236
3	CSX60S100 PRO (sy(405)	412	13790	18160	42.13	5.38e-07	120.2°/ 56.2°	205
4	CSX60S100 PRO (sy(170)	409	13800	18040	41.84	5.38e-07	120.2°/ 56.2°	205
5	CSX60S100 PRO (sy(421)	88	12840	7044	17.56	6.21e-07	171.8°/ 56.2°	142
6	CSX60S100 PRO (sy(186)	87	12850	7017	17.47	6.20e-07	171.8°/ 56.2°	142
7	CSX60S100 PRO (sy(372)	33	21750	4572	6.73	2.16e-07	355.8°/ 50.4°	182
8	CSX60S100 PRO (sy(137)	33	21720	4554	6.71	2.17e-07	355.8°/ 50.4°	182
9	CSX60S100 PRO (sy(138)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
10	CSX60S100 PRO (sy(373)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
11	CSX60S100 PRO (sy(169)	64	13440	2655	6.32	5.67e-07	85.5°/ 47.2°	206
12	CSX60S100 PRO (sy(404)	64	13440	2654	6.32	5.67e-07	85.5°/ 47.2°	206
13	CSX60S300 PRO (LL(427)	13	25780	4232	5.25	1.54e-07	192.8°/ 67.9°	141
14	CSX60S100 PRO (sy(396)	37	18930	3072	5.19	2.86e-07	26.5°/ 47.2°	206
15	CSX60S100 PRO (sy(161)	37	18910	3063	5.18	2.86e-07	26.5°/ 47.2°	206
16	CSX60S100 PRO (sy(436)	57	15710	2460	5.01	4.15e-07	85.5°/ 47.2°	237
17	CSX60S100 PRO (sy(201)	57	15700	2456	5.00	4.15e-07	85.5°/ 47.2°	237
18	CSX60S300 PRO (LL(192)	12	25970	3982	4.91	1.52e-07	192.8°/ 67.9°	141
19	CSX60S100 PRO (sy(428)	29	26440	3540	4.28	1.46e-07	26.5°/ 47.2°	237
20	CSX60S100 PRO (sy(193)	29	26400	3526	4.27	1.47e-07	26.5°/ 47.2°	237

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(217)	22	137700	120500	28.00	5.40e-09	206.5°/ 47.2°	183
2	CSX60S100 PRO (sy(452)	22	128400	105200	26.21	6.21e-09	206.5°/ 47.2°	183
3	CSX60S100 PRO (sy(437)	129	15480	5398	11.16	4.28e-07	120.2°/ 56.2°	236
4	CSX60S100 PRO (sy(202)	129	15480	5396	11.16	4.27e-07	120.2°/ 56.2°	236
5	CSX60S100 PRO (sy(405)	101	14060	4645	10.57	5.18e-07	120.2°/ 56.2°	205
6	CSX60S100 PRO (sy(170)	101	14070	4640	10.56	5.18e-07	120.2°/ 56.2°	205
7	LED Floodlight - ... (227)	305	30750	8280	8.62	1.08e-07	265.0°/ -40.0°	583
8	LED Floodlight - ... (226)	311	30200	7732	8.19	1.12e-07	270.0°/ -40.0°	598
9	CSX60S100 PRO (sy(421)	38	13560	3416	8.06	5.57e-07	171.8°/ 56.2°	141
10	CSX60S100 PRO (sy(186)	38	13580	3413	8.04	5.55e-07	171.8°/ 56.2°	141
11	CSX60S100 PRO (sy(277)	202	31340	7872	8.04	1.04e-07	120.2°/ 56.2°	496
12	CSX60S100 PRO (sy..(42)	202	31330	7872	8.04	1.04e-07	120.2°/ 56.2°	495
13	CSX60S100 PRO (sy(218)	54	15260	3694	7.74	4.39e-07	171.8°/ 56.2°	183
14	CSX60S100 PRO (sy(453)	54	15260	3688	7.73	4.40e-07	171.8°/ 56.2°	183
15	CSX60S100 PRO (sy(381)	23	42320	7317	5.53	5.72e-08	206.1°/ 47.4°	235
16	CSX60S100 PRO (sy(146)	23	42420	7334	5.53	5.69e-08	206.1°/ 47.4°	235
17	CSX60S100 PRO (sy(372)	23	23940	3996	5.34	1.79e-07	355.8°/ 50.4°	181
18	CSX60S100 PRO (sy(137)	23	23890	3979	5.33	1.79e-07	355.8°/ 50.4°	181
19	CSX60S100 PRO (sy(364)	60	18350	2564	4.47	3.04e-07	116.2°/ 50.4°	278
20	CSX60S100 PRO (sy(129)	60	18340	2560	4.47	3.04e-07	116.2°/ 50.4°	278

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy(381)	30	299600	174200	55.82	1.03e-08	206.1°/ 47.4°	130
2	CSX60S100 PRO (sy(146)	27	270200	128100	45.52	1.26e-08	206.1°/ 47.4°	130
3	CSX60S100 PRO (sy(453)	52	39210	10510	25.73	5.99e-07	171.8°/ 56.2°	91
4	CSX60S100 PRO (sy(218)	51	39500	10560	25.66	5.91e-07	171.8°/ 56.2°	91
5	CSX60S100 PRO (sy(437)	172	37920	9447	23.92	6.41e-07	120.2°/ 56.2°	169
6	CSX60S100 PRO (sy(202)	171	37960	9417	23.81	6.40e-07	120.2°/ 56.2°	169
7	CSX60S100 PRO (sy(388)	45	36270	6600	17.47	7.00e-07	296.2°/ 50.4°	99
8	CSX60S100 PRO (sy(153)	45	36330	6583	17.39	6.98e-07	296.2°/ 50.4°	99
9	CSX60S200 PRO (LL(390)	47	32990	5703	16.60	8.47e-07	299.6°/ 57.6°	99
10	CSX60S200 PRO (LL(155)	47	33040	5637	16.38	8.44e-07	299.6°/ 57.6°	99
11	CSX60S100 PRO (sy(162)	87	42770	6641	14.91	5.04e-07	351.8°/ 56.2°	162
12	CSX60S100 PRO (sy(397)	87	42770	6619	14.86	5.04e-07	351.8°/ 56.2°	161
13	CSX60S100 PRO (sy(380)	61	36170	5131	13.62	7.04e-07	175.8°/ 50.4°	129
14	CSX60S100 PRO (sy(145)	60	36210	5125	13.59	7.03e-07	175.8°/ 50.4°	129
15	CSX60S100 PRO (sy(405)	71	45190	6021	12.79	4.51e-07	120.2°/ 56.2°	161
16	CSX60S100 PRO (sy(170)	71	45290	6011	12.74	4.49e-07	120.2°/ 56.2°	162
17	CSX60S200 PRO (LL(455)	8	123600	15710	12.21	6.04e-08	183.4°/ 58.6°	91
18	CSX60S100 PRO (sy(372)	80	37140	4013	10.37	6.68e-07	355.8°/ 50.4°	173
19	CSX60S100 PRO (sy(137)	80	37180	4007	10.35	6.67e-07	355.8°/ 50.4°	173
20	CSX60S100 PRO (sy(129)	82	38920	3649	9.00	6.08e-07	116.2°/ 50.4°	192

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy(218)	30	44600	8114	17.47	4.63e-07	171.8°/ 56.2°	90
2	CSX60S100 PRO (sy(453)	31	44170	8010	17.41	4.72e-07	171.8°/ 56.2°	90
3	CSX60S100 PRO (sy(437)	113	38430	6401	15.99	6.24e-07	120.2°/ 56.2°	168
4	CSX60S100 PRO (sy(202)	112	38480	6383	15.92	6.22e-07	120.2°/ 56.2°	168
5	CSX60S100 PRO (sy(388)	30	39500	5249	12.76	5.91e-07	296.2°/ 50.4°	98
6	CSX60S100 PRO (sy(153)	30	39550	5232	12.70	5.89e-07	296.2°/ 50.4°	99
7	CSX60S100 PRO (sy(162)	59	43680	4737	10.41	4.83e-07	351.8°/ 56.2°	161
8	CSX60S100 PRO (sy(397)	59	43690	4735	10.41	4.83e-07	351.8°/ 56.2°	161
9	CSX60S100 PRO (sy(145)	39	37470	3549	9.09	6.56e-07	175.8°/ 50.4°	129
10	CSX60S100 PRO (sy(380)	39	37430	3536	9.07	6.58e-07	175.8°/ 50.4°	129
11	CSX60S100 PRO (sy(405)	48	46300	4324	8.97	4.30e-07	120.2°/ 56.2°	161
12	CSX60S100 PRO (sy(170)	48	46400	4318	8.93	4.28e-07	120.2°/ 56.2°	161
13	CSX60S100 PRO (sy(137)	58	37700	2984	7.60	6.48e-07	355.8°/ 50.4°	173
14	CSX60S100 PRO (sy(372)	58	37670	2981	7.60	6.50e-07	355.8°/ 50.4°	173
15	CSX60S100 PRO (sy(364)	66	39340	3019	7.37	5.95e-07	116.2°/ 50.4°	192
16	CSX60S100 PRO (sy(129)	66	39360	3023	7.37	5.95e-07	116.2°/ 50.4°	192
17	CSX60S100 PRO (sy(194)	27	70940	5272	7.13	1.83e-07	351.8°/ 56.2°	169
18	CSX60S100 PRO (sy(429)	27	71150	5277	7.12	1.82e-07	351.8°/ 56.2°	169
19	CSX60S100 PRO (sy(161)	45	33730	2156	6.14	8.10e-07	26.5°/ 47.2°	161
20	CSX60S100 PRO (sy(396)	45	33710	2154	6.13	8.11e-07	26.5°/ 47.2°	161

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(210)	165	161400	2051000	1219.76	3.54e-08	299.1°/ 52.7°	48
2	CSX60S100 PRO (sy(445)	144	120300	1007000	803.31	6.36e-08	299.1°/ 52.7°	47
3	CSX60S300 PRO (LL(151)	98	187800	927400	474.03	2.61e-08	197.2°/ 68.0°	64
4	CSX60S300 PRO (LL(386)	97	132400	458500	332.56	5.26e-08	197.2°/ 68.0°	64
5	CSX60S200 PRO (LL(449)	108	27930	40100	137.81	1.18e-06	309.4°/ 62.9°	48
6	CSX60S200 PRO (LL(214)	108	27630	38930	135.27	1.21e-06	309.4°/ 62.9°	48
7	CSX60S100 PRO (sy..(42)	1574	59550	59680	96.20	2.60e-07	120.2°/ 56.2°	319
8	CSX60S100 PRO (sy(277)	1571	59580	59570	95.98	2.60e-07	120.2°/ 56.2°	319
9	CSX60S100 PRO (sy(412)	72	59800	48380	77.67	2.58e-07	265.5°/ 47.2°	76
10	CSX60S100 PRO (sy(177)	72	60210	48510	77.35	2.54e-07	265.5°/ 47.2°	76
11	CSX60S100 PRO (sy(413)	168	19150	11550	57.91	2.51e-06	299.1°/ 52.7°	76
12	CSX60S100 PRO (sy(178)	167	19210	11500	57.46	2.50e-06	299.1°/ 52.7°	76
13	CSX60S100 PRO (sy(380)	118	18540	10800	55.93	2.68e-06	175.8°/ 50.4°	64
14	CSX60S100 PRO (sy(145)	117	18590	10800	55.76	2.67e-06	175.8°/ 50.4°	64
15	CSX60S100 PRO (sy(397)	365	29520	16890	54.92	1.06e-06	351.8°/ 56.2°	143
16	CSX60S100 PRO (sy(162)	365	29560	16890	54.85	1.05e-06	351.8°/ 56.2°	143
17	CSX60S200 PRO (LL(147)	111	17470	9111	50.06	3.02e-06	172.4°/ 57.6°	64
18	CSX60S200 PRO (LL(382)	111	17420	8995	49.57	3.04e-06	172.4°/ 57.6°	64
19	CSX60S200 PRO (LL(149)	74	18390	6739	35.19	2.73e-06	175.0°/ 63.4°	64
20	CSX60S300 PRO (LL(419)	65	30250	11080	35.16	1.01e-06	279.2°/ 67.9°	76

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(412)	27	180900	169600	90.00	2.82e-08	265.5°/ 47.2°	75
2	CSX60S100 PRO (sy(177)	27	178600	161500	86.83	2.89e-08	265.5°/ 47.2°	76
3	CSX60S200 PRO (LL(214)	27	43840	25570	56.00	4.80e-07	309.4°/ 62.9°	47
4	CSX60S200 PRO (LL(449)	25	45670	25810	54.25	4.42e-07	309.4°/ 62.9°	46
5	CSX60S100 PRO (sy(397)	203	29890	9658	31.02	1.03e-06	351.8°/ 56.2°	143
6	CSX60S100 PRO (sy(162)	203	29930	9671	31.02	1.03e-06	351.8°/ 56.2°	143
7	CSX60S100 PRO (sy(277)	504	59880	19330	30.99	2.57e-07	120.2°/ 56.2°	318
8	CSX60S100 PRO (sy..(42)	504	59850	19320	30.99	2.57e-07	120.2°/ 56.2°	318
9	CSX60S100 PRO (sy(413)	75	19880	5719	27.62	2.33e-06	299.1°/ 52.7°	75
10	CSX60S100 PRO (sy(178)	75	19950	5699	27.43	2.32e-06	299.1°/ 52.7°	75
11	CSX60S100 PRO (sy(170)	26	208000	58160	26.85	2.13e-08	120.2°/ 56.2°	143
12	CSX60S100 PRO (sy(405)	25	202400	55110	26.14	2.25e-08	120.2°/ 56.2°	143
13	CSX60S100 PRO (sy(380)	47	19880	5152	24.88	2.33e-06	175.8°/ 50.4°	63
14	CSX60S100 PRO (sy(145)	47	19960	5155	24.80	2.31e-06	175.8°/ 50.4°	63
15	CSX60S100 PRO (sy(194)	80	33040	5598	16.27	8.44e-07	351.8°/ 56.2°	130
16	CSX60S100 PRO (sy(429)	79	33030	5585	16.23	8.45e-07	351.8°/ 56.2°	130
17	LED Floodlight - ... (227)	304	64360	8316	12.40	2.23e-07	265.0°/ -40.0°	406
18	CSX60S100 PRO (sy..(58)	171	61230	7878	12.35	2.46e-07	171.8°/ 56.2°	297
19	CSX60S100 PRO (sy(293)	171	61250	7834	12.28	2.46e-07	171.8°/ 56.2°	298
20	LED Floodlight - ... (234)	291	65530	8377	12.27	2.15e-07	11.0°/ -40.0°	402

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy..(42)	1990	47820	74950	150.45	4.03e-07	120.2°/ 56.2°	257
2	CSX60S100 PRO (sy(277)	1989	47840	74910	150.31	4.03e-07	120.2°/ 56.2°	257
3	CSX60S100 PRO (sy(397)	1359	34960	53550	147.03	7.54e-07	351.8°/ 56.2°	183
4	CSX60S100 PRO (sy(162)	1359	35010	53550	146.84	7.52e-07	351.8°/ 56.2°	184
5	CSX60S100 PRO (sy(194)	512	30590	22230	69.75	9.85e-07	351.8°/ 56.2°	153
6	CSX60S100 PRO (sy(429)	510	30550	22180	69.69	9.87e-07	351.8°/ 56.2°	153
7	CSX60S100 PRO (sy(445)	154	21910	9541	41.81	1.92e-06	299.1°/ 52.7°	92
8	CSX60S100 PRO (sy(210)	153	21970	9510	41.55	1.91e-06	299.1°/ 52.7°	92
9	CSX60S100 PRO (sy(293)	291	47540	13440	27.14	4.08e-07	171.8°/ 56.2°	231
10	CSX60S100 PRO (sy..(58)	290	47510	13400	27.08	4.08e-07	171.8°/ 56.2°	230
11	CSX60S100 PRO (sy(444)	43	50060	13910	26.67	3.68e-07	265.5°/ 47.2°	92
12	CSX60S300 PRO (LL(450)	29	74010	20500	26.59	1.68e-07	264.6°/ 67.1°	92
13	CSX60S100 PRO (sy(209)	43	50300	13930	26.58	3.64e-07	265.5°/ 47.2°	92
14	CSX60S300 PRO (LL(215)	29	74490	20540	26.47	1.66e-07	264.6°/ 67.1°	92
15	CSX60S100 PRO (sy(413)	137	30290	7271	23.04	1.00e-06	299.1°/ 52.7°	137
16	CSX60S100 PRO (sy(178)	137	30350	7255	22.95	1.00e-06	299.1°/ 52.7°	137
17	LED Floodlight - ... (227)	320	51840	8132	15.06	3.43e-07	265.0°/ -40.0°	339
18	LED Floodlight - ... (234)	291	54560	8374	14.73	3.10e-07	11.0°/ -40.0°	335
19	LED Floodlight - ... (228)	300	56130	8406	14.38	2.93e-07	10.0°/ -40.0°	349
20	LED Floodlight - ... (226)	301	52150	7107	13.08	3.39e-07	270.0°/ -40.0°	354

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S300 PRO (LU.(39)	4	30360000	63080000	199.48	1.00e-12	27.4°/ 67.1°	258
2	CSX60S300 PRO (LL(274)	4	30360000	63020000	199.29	1.00e-12	27.4°/ 67.1°	258
3	CSX60S100 PRO (sy..(33)	21	983500	330300	32.24	9.53e-10	26.5°/ 47.2°	257
4	CSX60S100 PRO (sy..(42)	401	48260	15420	30.67	3.96e-07	120.2°/ 56.2°	256
5	CSX60S100 PRO (sy(277)	401	48290	15410	30.64	3.95e-07	120.2°/ 56.2°	256
6	CSX60S100 PRO (sy(268)	20	859400	242300	27.07	1.25e-09	26.5°/ 47.2°	258
7	CSX60S100 PRO (sy(209)	24	85590	22870	25.65	1.26e-07	265.5°/ 47.2°	91
8	CSX60S100 PRO (sy(444)	24	85050	22700	25.62	1.27e-07	265.5°/ 47.2°	91
9	CSX60S100 PRO (sy(397)	195	35440	7925	21.47	7.34e-07	351.8°/ 56.2°	183
10	CSX60S100 PRO (sy(162)	195	35490	7917	21.42	7.32e-07	351.8°/ 56.2°	183
11	CSX60S100 PRO (sy(429)	132	31100	5960	18.40	9.53e-07	351.8°/ 56.2°	152
12	CSX60S100 PRO (sy(194)	131	31140	5948	18.34	9.50e-07	351.8°/ 56.2°	152
13	LED Floodlight - ... (227)	310	53050	8264	14.95	3.27e-07	265.0°/ -40.0°	339
14	CSX60S100 PRO (sy(445)	51	22970	3572	14.93	1.75e-06	299.1°/ 52.7°	91
15	CSX60S100 PRO (sy(210)	51	23040	3568	14.87	1.74e-06	299.1°/ 52.7°	91
16	LED Floodlight - ... (228)	277	57540	8156	13.61	2.78e-07	10.0°/ -40.0°	349
17	LED Floodlight - ... (226)	306	53230	7512	13.55	3.25e-07	270.0°/ -40.0°	354
18	LED Floodlight - ... (234)	257	56040	7798	13.36	2.94e-07	11.0°/ -40.0°	335
19	CSX60S100 PRO (sy(293)	131	48150	6220	12.40	3.97e-07	171.8°/ 56.2°	230
20	CSX60S100 PRO (sy..(58)	130	48130	6180	12.33	3.98e-07	171.8°/ 56.2°	230

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(260)	205	12020	127600	339.67	7.09e-07	296.2°/ 50.4°	48
2	CSX60S200 PRO (LL(262)	212	11440	118800	332.45	7.83e-07	299.6°/ 57.6°	48
3	CSX60S100 PRO (sy..(25)	202	11890	122300	329.12	7.24e-07	296.2°/ 50.4°	48
4	CSX60S200 PRO (LU.(27)	210	11290	113800	322.47	8.03e-07	299.6°/ 57.6°	48
5	CSX60S200 PRO (LU.(29)	65	30050	249200	265.41	1.13e-07	297.0°/ 63.4°	48
6	CSX60S200 PRO (LL(264)	50	26720	152800	182.97	1.43e-07	297.0°/ 63.4°	48
7	CSX60S300 PRO (LU.(64)	106	16210	72120	142.40	3.90e-07	192.8°/ 67.9°	61
8	CSX60S300 PRO (LL(299)	106	15630	66870	136.89	4.19e-07	192.8°/ 67.9°	61
9	CSX60S200 PRO (LU.(60)	148	7540	21800	92.52	1.80e-06	183.4°/ 58.6°	61
10	CSX60S200 PRO (LL(295)	148	7490	21450	91.64	1.83e-06	183.4°/ 58.6°	62
11	CSX60S100 PRO (sy(293)	183	5681	15230	85.79	3.17e-06	171.8°/ 56.2°	62
12	CSX60S100 PRO (sy..(58)	182	5699	15220	85.46	3.15e-06	171.8°/ 56.2°	62
13	CSX60S100 PRO (sy(429)	782	18400	29850	51.91	3.02e-07	351.8°/ 56.2°	294
14	CSX60S100 PRO (sy(194)	780	18420	29790	51.76	3.02e-07	351.8°/ 56.2°	295
15	CSX60S100 PRO (sy(277)	280	9236	14090	48.82	1.20e-06	120.2°/ 56.2°	129
16	CSX60S100 PRO (sy..(42)	278	9249	14000	48.44	1.20e-06	120.2°/ 56.2°	129
17	CSX60S200 PRO (LU.(62)	102	4965	6522	42.03	4.15e-06	162.6°/ 62.9°	61
18	CSX60S200 PRO (LL(297)	102	4954	6438	41.59	4.17e-06	162.6°/ 62.9°	61
19	CSX60S200 PRO (LU.(38)	12	167500	199500	38.10	3.65e-09	342.6°/ 62.9°	129
20	LED Floodlight - ... (227)	381	7516	7713	32.84	1.81e-06	265.0°/ -40.0°	165

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	LED Floodlight - ... (226)	385	8432	8371	31.77	1.44e-06	270.0°/ -40.0°	179
2	LED Floodlight - ... (227)	345	7926	7768	31.36	1.63e-06	265.0°/ -40.0°	165
3	LED Floodlight - ... (234)	180	10780	8389	24.89	8.81e-07	11.0°/ -40.0°	156
4	CSX60S100 PRO (sy(293)	33	6433	3753	18.67	2.47e-06	171.8°/ 56.2°	60
5	CSX60S100 PRO (sy..(58)	33	6464	3738	18.50	2.45e-06	171.8°/ 56.2°	60
6	LED Floodlight - ... (228)	152	11120	6340	18.24	8.28e-07	10.0°/ -40.0°	170
7	CSX60S100 PRO (sy(277)	80	9550	4338	14.54	1.12e-06	120.2°/ 56.2°	128
8	CSX60S100 PRO (sy..(42)	79	9563	4331	14.49	1.12e-06	120.2°/ 56.2°	128
9	CSX60S100 PRO (sy(365)	23	98560	37230	12.09	1.05e-08	85.9°/ 47.4°	243
10	CSX60S100 PRO (sy(130)	23	98580	37170	12.07	1.05e-08	85.9°/ 47.4°	243
11	CSX60S100 PRO (sv..(18)	22	20680	7529	11.65	2.39e-07	206.1°/ 47.4°	111
12	CSX60S100 PRO (sy(253)	22	20560	7483	11.65	2.42e-07	206.1°/ 47.4°	111
13	CSX60S100 PRO (sy(269)	23	24360	8013	10.52	1.73e-07	351.8°/ 56.2°	128
14	CSX60S100 PRO (sy..(34)	23	24170	7905	10.46	1.75e-07	351.8°/ 56.2°	128
15	CSX60S100 PRO (sy..(17)	37	9279	2535	8.74	1.19e-06	175.8°/ 50.4°	111
16	CSX60S100 PRO (sy(252)	37	9279	2530	8.72	1.19e-06	175.8°/ 50.4°	111
17	CSX60S100 PRO (sy... (1)	59	10620	2622	7.90	9.09e-07	116.2°/ 50.4°	157
18	CSX60S100 PRO (sy(236)	59	10610	2619	7.90	9.09e-07	116.2°/ 50.4°	157
19	CSX60S100 PRO (sy... (9)	37	10190	2508	7.87	9.86e-07	355.8°/ 50.4°	122
20	CSX60S100 PRO (sy(244)	37	10190	2505	7.87	9.87e-07	355.8°/ 50.4°	122

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(284)	78	44380	351600	253.50	5.20e-08	265.5°/ 47.2°	65
2	CSX60S100 PRO (sy..(49)	76	43970	334000	243.07	5.30e-08	265.5°/ 47.2°	66
3	CSX60S100 PRO (sy(252)	49	22640	112400	158.84	2.00e-07	175.8°/ 50.4°	47
4	LED Floodlight - ... (227)	766	3881	12800	105.54	6.80e-06	265.0°/ -40.0°	94
5	LED Floodlight - ... (226)	717	4298	12100	90.09	5.54e-06	270.0°/ -40.0°	103
6	CSX60S300 PRO (LU(291)	96	12060	31360	83.19	7.04e-07	279.2°/ 67.9°	66
7	CSX60S300 PRO (LU.(56)	95	12100	31160	82.43	7.00e-07	279.2°/ 67.9°	66
8	CSX60S200 PRO (LU(287)	134	7347	16410	71.47	1.90e-06	288.6°/ 58.6°	66
9	CSX60S200 PRO (LU.(52)	133	7374	16300	70.74	1.88e-06	288.6°/ 58.6°	66
10	CSX60S100 PRO (sy(285)	164	5895	13010	70.62	2.95e-06	299.1°/ 52.7°	65
11	CSX60S100 PRO (sy..(50)	163	5917	12950	70.03	2.92e-06	299.1°/ 52.7°	66
12	LED Floodlight - ... (228)	184	7706	14000	58.14	1.72e-06	10.0°/ -40.0°	87
13	LED Floodlight - ... (235)	183	8860	15860	57.28	1.30e-06	190.0°/ -40.0°	94
14	CSX60S100 PRO (sy..(34)	323	9211	15680	54.47	1.21e-06	351.8°/ 56.2°	131
15	CSX60S100 PRO (sy(269)	322	9200	15650	54.43	1.21e-06	351.8°/ 56.2°	130
16	LED Floodlight - ... (234)	102	9514	15640	52.61	1.13e-06	11.0°/ -40.0°	76
17	LED Floodlight - ... (225)	173	5796	7711	42.57	3.05e-06	193.0°/ -40.0°	86
18	CSX60S100 PRO (sy(301)	39	77900	94190	38.69	1.69e-08	354.9°/ 47.4°	156
19	CSX60S100 PRO (sy(122)	310	12200	14690	38.53	6.88e-07	80.8°/ 56.2°	175
20	CSX60S100 PRO (sy(357)	308	12220	14610	38.27	6.86e-07	80.8°/ 56.2°	175

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	LED Floodlight - ... (235)	131	17590	44540	81.04	3.31e-07	190.0°/ -40.0°	94
2	LED Floodlight - ... (228)	128	14230	32960	74.10	5.05e-07	10.0°/ -40.0°	87
3	LED Floodlight - ... (227)	413	4205	8089	61.56	5.79e-06	265.0°/ -40.0°	94
4	LED Floodlight - ... (225)	185	7628	14220	59.66	1.76e-06	193.0°/ -40.0°	86
5	LED Floodlight - ... (226)	424	4622	8266	57.22	4.79e-06	270.0°/ -40.0°	103
6	CSX60S100 PRO (sy(285)	30	6680	3215	15.40	2.29e-06	299.1°/ 52.7°	64
7	CSX60S100 PRO (sy..(50)	30	6702	3210	15.33	2.28e-06	299.1°/ 52.7°	64
8	CSX60S100 PRO (sy(269)	85	9495	4466	15.05	1.14e-06	351.8°/ 56.2°	130
9	CSX60S100 PRO (sy..(34)	85	9506	4469	15.04	1.13e-06	351.8°/ 56.2°	130
10	CSX60S100 PRO (sy(122)	104	12480	5189	13.30	6.57e-07	80.8°/ 56.2°	174
11	CSX60S100 PRO (sy(357)	104	12500	5184	13.27	6.56e-07	80.8°/ 56.2°	175
12	CSX60S100 PRO (sy..(42)	22	31140	12070	12.40	1.06e-07	120.2°/ 56.2°	130
13	CSX60S100 PRO (sy(277)	22	30860	11920	12.36	1.08e-07	120.2°/ 56.2°	130
14	CSX60S100 PRO (sy(114)	23	48240	16790	11.14	4.40e-08	208.1°/ 52.7°	175
15	CSX60S100 PRO (sy(349)	23	47750	16360	10.96	4.49e-08	208.1°/ 52.7°	175
16	CSX60S100 PRO (sy(106)	31	13630	4391	10.31	5.52e-07	29.2°/ 56.2°	113
17	CSX60S100 PRO (sy(341)	31	13690	4390	10.26	5.47e-07	29.2°/ 56.2°	113
18	CSX60S100 PRO (sy..(26)	22	19600	6255	10.21	2.67e-07	265.9°/ 47.4°	115
19	CSX60S100 PRO (sy(261)	22	19520	6215	10.19	2.69e-07	265.9°/ 47.4°	115
20	CSX60S100 PRO (sy(260)	38	9477	2557	8.63	1.14e-06	296.2°/ 50.4°	115

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy(309)	810	30690	459200	2393.64	2.72e-06	295.1°/ 47.4°	25
2	CSX60S100 PRO (sy..(74)	804	30080	434500	2311.29	2.83e-06	295.1°/ 47.4°	26
3	CSX60S200 PRO (LL(313)	370	29420	191800	1043.23	2.96e-06	317.2°/ 65.9°	26
4	CSX60S100 PRO (sy(106)	3950	23950	154300	1031.03	4.46e-06	29.2°/ 56.2°	76
5	CSX60S100 PRO (sy(341)	3900	23920	152500	1020.22	4.48e-06	29.2°/ 56.2°	76
6	CSX60S200 PRO (LU.(78)	368	28150	173100	983.98	3.23e-06	317.2°/ 65.9°	26
7	CSX60S100 PRO (sy(122)	3735	33170	142600	687.79	2.33e-06	80.8°/ 56.2°	106
8	CSX60S100 PRO (sy(357)	3709	33200	141700	682.86	2.32e-06	80.8°/ 56.2°	106
9	CSX60S200 PRO (LU.(94)	2054	23800	73640	495.08	4.52e-06	152.8°/ 65.9°	79
10	CSX60S200 PRO (LL(329)	2040	23840	73080	490.53	4.51e-06	152.8°/ 65.9°	79
11	CSX60S200 PRO (LL(345)	951	22700	33660	237.23	4.97e-06	38.4°/ 62.9°	75
12	CSX60S200 PRO (LL(110)	952	22730	33670	236.97	4.95e-06	38.4°/ 62.9°	76
13	CSX60S100 PRO (sy(269)	1626	56290	63280	179.88	8.08e-07	351.8°/ 56.2°	178
14	CSX60S100 PRO (sy..(34)	1624	56370	63200	179.40	8.06e-07	351.8°/ 56.2°	179
15	LED Floodlight - ... (225)	661	18240	11320	99.31	7.70e-06	193.0°/ -40.0°	87
16	LED Floodlight - ... (235)	568	17550	10410	94.92	8.31e-06	190.0°/ -40.0°	81
17	LED Floodlight - ... (226)	348	18440	7823	67.89	7.53e-06	270.0°/ -40.0°	77
18	CSX60S100 PRO (sy..(90)	223	28220	11240	63.72	3.21e-06	174.9°/ 47.4°	79
19	CSX60S100 PRO (sy(325)	222	28260	11170	63.25	3.21e-06	174.9°/ 47.4°	79
20	LED Floodlight - ... (227)	312	20500	7765	60.59	6.09e-06	265.0°/ -40.0°	81

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(106)	349	24600	14930	97.12	4.23e-06	29.2°/ 56.2°	74
2	CSX60S100 PRO (sy(341)	347	24570	14900	97.04	4.24e-06	29.2°/ 56.2°	74
3	LED Floodlight - ... (235)	347	19510	7804	64.01	6.73e-06	190.0°/ -40.0°	81
4	LED Floodlight - ... (225)	382	19970	7794	62.44	6.42e-06	193.0°/ -40.0°	87
5	LED Floodlight - ... (226)	275	21220	8110	61.16	5.69e-06	270.0°/ -40.0°	77
6	LED Floodlight - ... (227)	261	23760	8677	58.42	4.53e-06	265.0°/ -40.0°	81
7	CSX60S100 PRO (sy(357)	286	34000	11700	55.06	2.21e-06	80.8°/ 56.2°	105
8	CSX60S100 PRO (sy(122)	281	33970	11470	54.03	2.22e-06	80.8°/ 56.2°	105
9	CSX60S100 PRO (sy(269)	141	57360	5738	16.00	7.78e-07	351.8°/ 56.2°	178
10	CSX60S100 PRO (sy..(34)	141	57440	5742	15.99	7.76e-07	351.8°/ 56.2°	178
11	CSX60S100 PRO (sy..(89)	28	47000	4091	13.93	1.16e-06	205.2°/ 50.4°	77
12	CSX60S100 PRO (sy(324)	28	46910	4062	13.85	1.16e-06	205.2°/ 50.4°	78
13	CSX60S100 PRO (sy(340)	30	35520	2650	11.94	2.03e-06	354.5°/ 47.2°	74
14	CSX60S100 PRO (sy(105)	30	35500	2627	11.84	2.03e-06	354.5°/ 47.2°	74
15	CSX60S100 PRO (sy..(90)	36	29970	2121	11.32	2.85e-06	174.9°/ 47.4°	77
16	CSX60S100 PRO (sy(325)	36	30000	2113	11.27	2.84e-06	174.9°/ 47.4°	77
17	CSX60S100 PRO (sy(300)	57	45370	2742	9.67	1.24e-06	25.2°/ 50.4°	129
18	CSX60S100 PRO (sy..(65)	57	45400	2732	9.63	1.24e-06	25.2°/ 50.4°	129
19	CSX60S100 PRO (sy..(81)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149
20	CSX60S100 PRO (sy(316)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(357)	2761	10000	103200	330.11	1.02e-06	80.8°/ 56.2°	162
2	CSX60S100 PRO (sy(122)	2754	10010	103000	329.27	1.02e-06	80.8°/ 56.2°	162
3	CSX60S100 PRO (sy(106)	2161	9939	82710	266.30	1.04e-06	29.2°/ 56.2°	159
4	CSX60S100 PRO (sy(341)	2150	9929	82310	265.27	1.04e-06	29.2°/ 56.2°	159
5	CSX60S100 PRO (sy..(90)	54	53140	120100	72.32	3.63e-08	174.9°/ 47.4°	112
6	CSX60S100 PRO (sy(325)	54	50360	107300	68.18	4.04e-08	174.9°/ 47.4°	112
7	CSX60S200 PRO (LL(327)	70	29000	46190	50.97	1.22e-07	170.6°/ 56.8°	112
8	CSX60S200 PRO (LU.(92)	69	29580	47070	50.92	1.17e-07	170.6°/ 56.8°	112
9	CSX60S200 PRO (LL(115)	39	82470	96880	37.59	1.51e-08	163.9°/ 56.2°	163
10	CSX60S200 PRO (LL(350)	38	78790	86910	35.30	1.65e-08	163.9°/ 56.2°	163
11	LED Floodlight - ... (226)	320	8428	8367	31.77	1.44e-06	270.0°/ -40.0°	163
12	CSX60S300 PRO (LU.(80)	13	57860	37440	20.70	3.06e-08	305.6°/ 66.8°	107
13	CSX60S300 PRO (LL(315)	10	54760	26870	15.70	3.41e-08	305.6°/ 66.8°	107
14	CSX60S100 PRO (sy(340)	55	12600	3400	8.63	6.45e-07	354.5°/ 47.2°	159
15	CSX60S100 PRO (sy(105)	55	12610	3389	8.60	6.44e-07	354.5°/ 47.2°	159
16	CSX60S100 PRO (sy(356)	58	12160	3211	8.45	6.93e-07	115.5°/ 47.2°	162
17	CSX60S100 PRO (sy(121)	58	12170	3214	8.45	6.91e-07	115.5°/ 47.2°	162
18	CSX60S200 PRO (LL(313)	21	14750	3844	8.34	4.70e-07	317.2°/ 65.9°	107
19	CSX60S100 PRO (sy(300)	84	14120	3596	8.15	5.13e-07	25.2°/ 50.4°	213
20	CSX60S100 PRO (sy..(65)	83	14130	3588	8.12	5.13e-07	25.2°/ 50.4°	213

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	LED Floodlight - ... (235)	322	8711	8226	30.22	1.35e-06	190.0°/ -40.0°	170
2	LED Floodlight - ... (225)	301	8653	7112	26.30	1.37e-06	193.0°/ -40.0°	176
3	LED Floodlight - ... (226)	147	10760	6057	18.01	8.85e-07	270.0°/ -40.0°	165
4	LED Floodlight - ... (227)	146	11010	5951	17.30	8.45e-07	265.0°/ -40.0°	170
5	CSX60S300 PRO (LU.(96)	4	90830	26810	9.45	1.24e-08	164.4°/ 66.8°	112
6	CSX60S300 PRO (LU(331)	4	77020	19290	8.01	1.73e-08	164.4°/ 66.8°	112
7	CSX60S100 PRO (sy(122)	47	10770	2025	6.02	8.83e-07	80.8°/ 56.2°	162
8	CSX60S100 PRO (sy(357)	47	10760	2021	6.01	8.84e-07	80.8°/ 56.2°	162
9	CSX60S100 PRO (sy(106)	41	10730	1802	5.38	8.90e-07	29.2°/ 56.2°	159
10	CSX60S100 PRO (sy(341)	40	10720	1797	5.37	8.92e-07	29.2°/ 56.2°	159
11	CSX60S100 PRO (sy..(34)	57	17810	2636	4.74	3.23e-07	351.8°/ 56.2°	260
12	CSX60S100 PRO (sy(269)	57	17800	2632	4.73	3.23e-07	351.8°/ 56.2°	259
13	CSX60S100 PRO (sy(340)	23	14770	1972	4.27	4.70e-07	354.5°/ 47.2°	159
14	CSX60S100 PRO (sy(105)	23	14770	1968	4.26	4.69e-07	354.5°/ 47.2°	159
15	CSX60S100 PRO (sy(356)	23	13940	1686	3.87	5.27e-07	115.5°/ 47.2°	162
16	CSX60S100 PRO (sy(121)	23	13950	1689	3.87	5.26e-07	115.5°/ 47.2°	162
17	CSX60S200 PRO (LU(313)	4	28430	3101	3.49	1.27e-07	317.2°/ 65.9°	107
18	CSX60S100 PRO (sy(285)	21	22100	2396	3.47	2.10e-07	299.1°/ 52.7°	205
19	CSX60S100 PRO (sy..(50)	21	22120	2395	3.46	2.09e-07	299.1°/ 52.7°	205
20	CSX60S200 PRO (LU.(78)	4	28050	3007	3.43	1.30e-07	317.2°/ 65.9°	107

Anlage 6: Lichtimmissionen in der Nachbarschaft für Trainingsbetrieb (Raumaufhellung und Blendung) mit nur der Kampfbahn C in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	0 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	0 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	0 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	0.01 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	9.4 m	0 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	15.4 m	0 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.09 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.38 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.17 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.36 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.18 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0.58 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.4 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0.92 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0.33 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	0.82 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0.2 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0.49 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0.04 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0.17 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0.16 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0.55 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0.68 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	1.55 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.25 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0.72 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.01 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	0.03 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	0.01 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	0 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	0 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.01 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.32m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S100 PRO (sy(210)	80	30040	3276	3.49	1.13e-07	299.1°/ 52.7°	465
2	CSX60S100 PRO (sy(178)	79	33240	3248	3.13	9.27e-08	299.1°/ 52.7°	513
3	CSX60S100 PRO (sy(153)	62	37920	2669	2.25	7.12e-08	296.2°/ 50.4°	572
4	CSX60S100 PRO (sy(209)	27	35890	1551	1.38	7.95e-08	265.5°/ 47.2°	465
5	CSX60S100 PRO (sy(177)	26	40160	1523	1.21	6.35e-08	265.5°/ 47.2°	514
6	CSX60S100 PRO (sy(154)	25	45210	1501	1.06	5.01e-08	265.9°/ 47.4°	572
7	CSX60S200 PRO (LL(219)	2	342600	11400	1.06	8.72e-10	217.1°/ 56.2°	467
8	CSX60S300 PRO (LL(152)	4	119600	3431	0.92	7.16e-09	216.6°/ 66.8°	413
9	CSX60S200 PRO (LL(150)	4	50410	655	0.42	4.03e-08	228.2°/ 65.9°	413
10	CSX60S200 PRO (LL(221)	4	48500	474	0.31	4.35e-08	236.8°/ 64.7°	467
11	CSX60S200 PRO (LL(189)	4	55880	517	0.30	3.28e-08	236.8°/ 64.7°	515
12	CSX60S200 PRO (LL(213)	4	40900	339	0.27	6.12e-08	245.2°/ 64.7°	466
13	CSX60S200 PRO (LL(181)	4	46460	359	0.25	4.74e-08	245.2°/ 64.7°	514
14	CSX60S200 PRO (LL(158)	4	54610	401	0.23	3.43e-08	243.8°/ 65.9°	572
15	CSX60S300 PRO (LL(215)	4	32470	199	0.20	9.71e-08	264.6°/ 67.1°	466
16	CSX60S300 PRO (LL(160)	4	45320	257	0.18	4.99e-08	255.4°/ 66.8°	572
17	CSX60S300 PRO (LL(216)	4	29570	165	0.18	1.17e-07	279.2°/ 67.9°	465
18	CSX60S200 PRO (LL(214)	4	28320	163	0.18	1.28e-07	309.4°/ 62.9°	465
19	CSX60S300 PRO (LL(183)	4	36340	205	0.18	7.75e-08	264.6°/ 67.1°	514
20	CSX60S200 PRO (LL(182)	4	31250	163	0.17	1.05e-07	309.4°/ 62.9°	513

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy(210)	72	30330	2999	3.16	1.11e-07	299.1°/ 52.7°	465
2	CSX60S100 PRO (sy(178)	71	33540	2968	2.83	9.10e-08	299.1°/ 52.7°	513
3	CSX60S100 PRO (sy(153)	49	38260	2155	1.80	7.00e-08	296.2°/ 50.4°	572
4	CSX60S100 PRO (sy(209)	23	36450	1402	1.23	7.71e-08	265.5°/ 47.2°	465
5	CSX60S100 PRO (sy(177)	23	40750	1439	1.13	6.17e-08	265.5°/ 47.2°	514
6	CSX60S300 PRO (LL(152)	4	141800	4825	1.09	5.09e-09	216.6°/ 66.8°	413
7	CSX60S100 PRO (sy(154)	23	45820	1467	1.02	4.88e-08	265.9°/ 47.4°	572
8	CSX60S200 PRO (LL(219)	1	298800	4635	0.50	1.15e-09	217.1°/ 56.2°	467
9	CSX60S200 PRO (LL(150)	4	51790	692	0.43	3.82e-08	228.2°/ 65.9°	413
10	CSX60S200 PRO (LL(221)	4	49380	491	0.32	4.20e-08	236.8°/ 64.7°	467
11	CSX60S200 PRO (LL(189)	4	56880	536	0.30	3.16e-08	236.8°/ 64.7°	515
12	CSX60S200 PRO (LL(213)	4	41430	348	0.27	5.97e-08	245.2°/ 64.7°	465
13	CSX60S200 PRO (LL(181)	4	47030	368	0.25	4.63e-08	245.2°/ 64.7°	514
14	CSX60S200 PRO (LL(158)	4	55260	410	0.24	3.35e-08	243.8°/ 65.9°	572
15	CSX60S300 PRO (LL(215)	4	32710	202	0.20	9.57e-08	264.6°/ 67.1°	466
16	CSX60S200 PRO (LL(214)	4	28500	165	0.19	1.26e-07	309.4°/ 62.9°	465
17	CSX60S300 PRO (LL(160)	4	45670	261	0.18	4.91e-08	255.4°/ 66.8°	572
18	CSX60S300 PRO (LL(216)	4	29740	167	0.18	1.16e-07	279.2°/ 67.9°	465
19	CSX60S300 PRO (LL(183)	4	36590	208	0.18	7.65e-08	264.6°/ 67.1°	514
20	CSX60S200 PRO (LL(182)	4	31430	165	0.17	1.04e-07	309.4°/ 62.9°	513

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, lir(2103.00m / 679.50m / 22.20m)

1	CSX60S200 PRO (LL(197)	4	516600	63780	3.95	3.84e-10	46.8°/ 64.7°	429
2	CSX60S100 PRO (sy(194)	73	30060	3498	3.72	1.13e-07	351.8°/ 56.2°	429
3	CSX60S100 PRO (sy(162)	76	33380	3594	3.45	9.19e-08	351.8°/ 56.2°	479
4	CSX60S100 PRO (sy(210)	69	29250	2892	3.16	1.20e-07	299.1°/ 52.7°	448
5	CSX60S100 PRO (sy(178)	70	32440	2918	2.88	9.73e-08	299.1°/ 52.7°	496
6	CSX60S200 PRO (LL(219)	2	662900	41980	2.03	2.33e-10	217.1°/ 56.2°	450
7	CSX60S100 PRO (sy(193)	22	49360	2862	1.86	4.20e-08	26.5°/ 47.2°	429
8	CSX60S200 PRO (LL(142)	4	362300	19960	1.76	7.80e-10	48.2°/ 65.9°	537
9	CSX60S100 PRO (sy(153)	44	37120	1915	1.65	7.43e-08	296.2°/ 50.4°	554
10	CSX60S100 PRO (sy(161)	21	54000	2616	1.55	3.51e-08	26.5°/ 47.2°	479
11	CSX60S100 PRO (sy(137)	33	39710	1775	1.43	6.49e-08	355.8°/ 50.4°	538
12	CSX60S200 PRO (LL(165)	4	224100	9631	1.38	2.04e-09	46.8°/ 64.7°	479
13	CSX60S100 PRO (sy(138)	21	58870	2465	1.34	2.96e-08	26.1°/ 47.4°	538
14	CSX60S100 PRO (sy(209)	23	35050	1398	1.28	8.34e-08	265.5°/ 47.2°	448
15	CSX60S100 PRO (sy(177)	23	39330	1436	1.17	6.62e-08	265.5°/ 47.2°	496
16	CSX60S100 PRO (sy(154)	23	44380	1465	1.06	5.20e-08	265.9°/ 47.4°	554
17	CSX60S300 PRO (LL(152)	4	114300	3410	0.95	7.84e-09	216.6°/ 66.8°	396
18	CSX60S200 PRO (LL(150)	4	48410	657	0.43	4.37e-08	228.2°/ 65.9°	396
19	CSX60S200 PRO (LL(221)	4	46960	479	0.33	4.64e-08	236.8°/ 64.7°	450
20	CSX60S300 PRO (LL(199)	4	44550	442	0.32	5.16e-08	27.4°/ 67.1°	429

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S100 PRO (sy(194)	115	27610	5377	6.23	1.34e-07	351.8°/ 56.2°	398
2	CSX60S100 PRO (sy(162)	114	30920	5307	5.49	1.07e-07	351.8°/ 56.2°	448
3	CSX60S100 PRO (sy(210)	83	26950	3345	3.97	1.41e-07	299.1°/ 52.7°	419
4	CSX60S100 PRO (sy(178)	81	30110	3289	3.50	1.13e-07	299.1°/ 52.7°	466
5	CSX60S100 PRO (sy(153)	64	34650	2713	2.51	8.53e-08	296.2°/ 50.4°	524
6	CSX60S200 PRO (LL(197)	4	256500	18230	2.27	1.56e-09	46.8°/ 64.7°	398
7	CSX60S100 PRO (sy(137)	48	36990	2511	2.17	7.49e-08	355.8°/ 50.4°	507
8	CSX60S100 PRO (sy(193)	23	44340	2810	2.03	5.21e-08	26.5°/ 47.2°	398
9	CSX60S100 PRO (sy(161)	23	49050	2740	1.79	4.26e-08	26.5°/ 47.2°	448
10	CSX60S100 PRO (sy(138)	23	54070	2597	1.54	3.50e-08	26.1°/ 47.4°	507
11	CSX60S100 PRO (sy(209)	27	31760	1494	1.51	1.01e-07	265.5°/ 47.2°	419
12	CSX60S200 PRO (LL(142)	4	258300	11410	1.41	1.53e-09	48.2°/ 65.9°	507
13	CSX60S100 PRO (sy(177)	27	35960	1564	1.39	7.92e-08	265.5°/ 47.2°	467
14	CSX60S200 PRO (LL(165)	4	177700	6911	1.24	3.24e-09	46.8°/ 64.7°	448
15	CSX60S100 PRO (sy(154)	26	40950	1556	1.22	6.11e-08	265.9°/ 47.4°	524
16	CSX60S200 PRO (LL(187)	2	326600	10300	1.01	9.60e-10	217.1°/ 56.2°	468
17	CSX60S300 PRO (LL(152)	4	72960	1613	0.71	1.92e-08	216.6°/ 66.8°	367
18	CSX60S200 PRO (LL(148)	1	219700	3551	0.52	2.12e-09	210.4°/ 56.8°	367
19	CSX60S200 PRO (LL(219)	2	124900	1867	0.48	6.56e-09	217.1°/ 56.2°	421
20	CSX60S200 PRO (LL(150)	4	41060	549	0.43	6.07e-08	228.2°/ 65.9°	367

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, li(2077.50m / 697.00m / 22.10m)

1	CSX60S200 PRO (LL(142)	4	10120000	17520000	55.40	1.00e-12	48.2°/ 65.9°	507
2	CSX60S100 PRO (sy(194)	72	28030	3476	3.97	1.30e-07	351.8°/ 56.2°	398
3	CSX60S100 PRO (sy(162)	74	31340	3547	3.62	1.04e-07	351.8°/ 56.2°	448
4	CSX60S100 PRO (sy(210)	70	27320	2921	3.42	1.37e-07	299.1°/ 52.7°	419
5	CSX60S100 PRO (sy(178)	71	30480	2954	3.10	1.10e-07	299.1°/ 52.7°	466
6	CSX60S200 PRO (LL(165)	4	313300	21490	2.19	1.04e-09	46.8°/ 64.7°	448
7	CSX60S100 PRO (sy(193)	23	46610	3111	2.14	4.71e-08	26.5°/ 47.2°	398
8	CSX60S100 PRO (sy(153)	44	35070	1921	1.75	8.33e-08	296.2°/ 50.4°	524
9	CSX60S100 PRO (sy(161)	22	51190	2754	1.72	3.91e-08	26.5°/ 47.2°	448
10	CSX60S100 PRO (sy(137)	32	37550	1714	1.46	7.26e-08	355.8°/ 50.4°	507
11	CSX60S100 PRO (sy(138)	21	56020	2512	1.43	3.26e-08	26.1°/ 47.4°	507
12	CSX60S100 PRO (sy(209)	23	32450	1370	1.35	9.72e-08	265.5°/ 47.2°	419
13	CSX60S100 PRO (sy(177)	23	36670	1411	1.23	7.61e-08	265.5°/ 47.2°	467
14	CSX60S200 PRO (LL(197)	2	254800	9623	1.21	1.58e-09	46.8°/ 64.7°	398
15	CSX60S100 PRO (sy(154)	23	41690	1444	1.11	5.89e-08	265.9°/ 47.4°	524
16	CSX60S300 PRO (LL(152)	4	81090	1993	0.79	1.56e-08	216.6°/ 66.8°	367
17	CSX60S200 PRO (LL(219)	2	181500	3943	0.70	3.11e-09	217.1°/ 56.2°	420
18	CSX60S200 PRO (LL(150)	4	42400	586	0.44	5.70e-08	228.2°/ 65.9°	367
19	CSX60S300 PRO (LL(199)	4	42060	457	0.35	5.79e-08	27.4°/ 67.1°	398
20	CSX60S300 PRO (LL(144)	4	67720	731	0.35	2.23e-08	36.6°/ 66.8°	507

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	CSX60S100 PRO (sy(194)	27	24030	3509	4.67	1.77e-07	351.8°/ 56.2°	207
2	CSX60S100 PRO (sy(178)	67	20560	2993	4.66	2.42e-07	299.1°/ 52.7°	303
3	CSX60S100 PRO (sy(162)	35	23480	3192	4.35	1.86e-07	351.8°/ 56.2°	244
4	CSX60S100 PRO (sy(153)	52	22990	2253	3.14	1.94e-07	296.2°/ 50.4°	345
5	CSX60S100 PRO (sy(137)	27	27720	2314	2.67	1.33e-07	355.8°/ 50.4°	293
6	CSX60S100 PRO (sy(185)	21	33830	2538	2.40	8.95e-08	206.5°/ 47.2°	304
7	CSX60S100 PRO (sy(177)	26	20570	1154	1.79	2.42e-07	265.5°/ 47.2°	304
8	CSX60S100 PRO (sy(154)	25	23710	1165	1.57	1.82e-07	265.9°/ 47.4°	345
9	CSX60S300 PRO (LL(168)	4	51730	1838	1.14	3.83e-08	12.8°/ 67.9°	244
10	CSX60S300 PRO (LL(143)	4	48770	1134	0.74	4.30e-08	17.2°/ 68.0°	293
11	CSX60S300 PRO (LL(192)	4	49290	1069	0.69	4.21e-08	192.8°/ 67.9°	305
12	CSX60S200 PRO (LL(196)	2	41550	856	0.66	5.93e-08	3.4°/ 58.6°	207
13	CSX60S200 PRO (LL(198)	4	18940	370	0.62	2.85e-07	342.6°/ 62.9°	206
14	CSX60S200 PRO (LL(166)	4	19750	287	0.47	2.63e-07	342.6°/ 62.9°	244
15	CSX60S200 PRO (LL(141)	4	25390	330	0.42	1.59e-07	355.0°/ 63.4°	293
16	CSX60S300 PRO (LL(191)	4	29610	386	0.42	1.17e-07	207.4°/ 67.1°	305
17	CSX60S200 PRO (LL(164)	2	30990	341	0.35	1.07e-07	3.4°/ 58.6°	244
18	CSX60S200 PRO (LL(189)	4	20840	206	0.32	2.36e-07	236.8°/ 64.7°	305
19	CSX60S200 PRO (LL(182)	4	20440	200	0.31	2.45e-07	309.4°/ 62.9°	303
20	CSX60S200 PRO (LL(181)	4	19740	186	0.30	2.63e-07	245.2°/ 64.7°	304

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 2.30m) **d/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 14.30m) **cd/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy(194)	144	10420	9270	28.45	9.42e-07	351.8°/ 56.2°	128
2	CSX60S100 PRO (sy(193)	35	36140	27380	24.24	7.84e-08	26.5°/ 47.2°	128
3	CSX60S100 PRO (sy(162)	158	13040	8753	21.48	6.02e-07	351.8°/ 56.2°	173
4	CSX60S100 PRO (sy(210)	135	12430	5891	15.17	6.63e-07	299.1°/ 52.7°	186
5	CSX60S100 PRO (sy(178)	131	14200	5335	12.02	5.08e-07	299.1°/ 52.7°	220
6	CSX60S300 PRO (LL(199)	8	68740	22980	10.70	2.17e-08	27.4°/ 67.1°	128
7	CSX60S100 PRO (sy(146)	52	12620	3114	7.90	6.43e-07	206.1°/ 47.4°	162
8	CSX60S100 PRO (sy(161)	27	27540	6672	7.75	1.35e-07	26.5°/ 47.2°	173
9	CSX60S100 PRO (sy(145)	31	20530	4830	7.53	2.43e-07	175.8°/ 50.4°	162
10	CSX60S100 PRO (sy(209)	65	12180	2735	7.18	6.90e-07	265.5°/ 47.2°	186
11	CSX60S100 PRO (sy(137)	57	17630	3305	6.00	3.29e-07	355.8°/ 50.4°	229
12	CSX60S100 PRO (sy(153)	77	17210	3136	5.83	3.46e-07	296.2°/ 50.4°	267
13	CSX60S100 PRO (sy(217)	36	18070	3291	5.83	3.14e-07	206.5°/ 47.2°	187
14	CSX60S100 PRO (sy(177)	57	14690	2487	5.42	4.75e-07	265.5°/ 47.2°	220
15	CSX60S100 PRO (sy(185)	29	26970	4249	5.04	1.41e-07	206.5°/ 47.2°	221
16	CSX60S200 PRO (LL(220)	13	42460	6321	4.76	5.68e-08	183.4°/ 58.6°	187
17	CSX60S100 PRO (sy(138)	27	29690	4363	4.70	1.16e-07	26.1°/ 47.4°	229
18	CSX60S100 PRO (sy(154)	50	18390	2314	4.03	3.03e-07	265.9°/ 47.4°	267
19	CSX60S200 PRO (LL(147)	9	23080	1765	2.45	1.92e-07	172.4°/ 57.6°	162
20	CSX60S300 PRO (LL(200)	6	15660	918	1.88	4.18e-07	12.8°/ 67.9°	128

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 14.30m) **I cd/m²**

1	CSX60S100 PRO (sy(194)	51	10920	3621	10.61	8.58e-07	351.8°/ 56.2°	127
2	CSX60S100 PRO (sy(162)	65	13430	3825	9.11	5.67e-07	351.8°/ 56.2°	173
3	CSX60S100 PRO (sy(210)	66	12720	3052	7.68	6.33e-07	299.1°/ 52.7°	186
4	CSX60S100 PRO (sy(161)	21	34190	8047	7.53	8.76e-08	26.5°/ 47.2°	173
5	CSX60S100 PRO (sy(178)	72	14460	3064	6.78	4.90e-07	299.1°/ 52.7°	219
6	CSX60S100 PRO (sy(145)	23	23250	4703	6.47	1.89e-07	175.8°/ 50.4°	161
7	CSX60S100 PRO (sy(153)	59	17490	2489	4.55	3.35e-07	296.2°/ 50.4°	266
8	CSX60S100 PRO (sy(185)	23	29450	4081	4.43	1.18e-07	206.5°/ 47.2°	220
9	CSX60S100 PRO (sy(138)	22	32700	4371	4.28	9.58e-08	26.1°/ 47.4°	229
10	CSX60S100 PRO (sy(146)	26	13180	1685	4.09	5.90e-07	206.1°/ 47.4°	161
11	CSX60S100 PRO (sy(217)	23	19210	2424	4.04	2.77e-07	206.5°/ 47.2°	187
12	CSX60S100 PRO (sy(137)	35	18140	2150	3.79	3.11e-07	355.8°/ 50.4°	228
13	CSX60S100 PRO (sy(209)	26	12490	1150	2.95	6.56e-07	265.5°/ 47.2°	186
14	CSX60S300 PRO (LL(192)	4	108100	9795	2.90	8.77e-09	192.8°/ 67.9°	221
15	CSX60S100 PRO (sy(177)	26	15030	1197	2.55	4.53e-07	265.5°/ 47.2°	219
16	CSX60S100 PRO (sy(154)	26	18770	1253	2.14	2.91e-07	265.9°/ 47.4°	267
17	CSX60S300 PRO (LL(144)	4	71140	3973	1.79	2.02e-08	36.6°/ 66.8°	228
18	CSX60S300 PRO (LL(167)	4	33660	1557	1.48	9.04e-08	27.4°/ 67.1°	173
19	CSX60S300 PRO (LL(200)	4	16940	725	1.37	3.57e-07	12.8°/ 67.9°	127
20	CSX60S200 PRO (LL(149)	4	22590	861	1.22	2.01e-07	175.0°/ 63.4°	161

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **l/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy(194)	113	9361	8224	28.11	1.17e-06	351.8°/ 56.2°	108
2	CSX60S100 PRO (sy(162)	142	11690	8194	22.43	7.49e-07	351.8°/ 56.2°	152
3	CSX60S100 PRO (sy(210)	109	11790	5007	13.59	7.36e-07	299.1°/ 52.7°	172
4	CSX60S100 PRO (sy(178)	110	13230	4605	11.14	5.85e-07	299.1°/ 52.7°	202
5	CSX60S100 PRO (sy(161)	27	27410	8475	9.89	1.36e-07	26.5°/ 47.2°	152
6	CSX60S100 PRO (sy(146)	54	11320	2865	8.10	7.99e-07	206.1°/ 47.4°	153
7	CSX60S100 PRO (sy(145)	37	16180	3977	7.86	3.91e-07	175.8°/ 50.4°	153
8	CSX60S100 PRO (sy(209)	63	11230	2647	7.54	8.11e-07	265.5°/ 47.2°	172
9	CSX60S100 PRO (sy(137)	55	16120	3259	6.47	3.94e-07	355.8°/ 50.4°	207
10	CSX60S100 PRO (sy(153)	77	16010	3143	6.28	4.00e-07	296.2°/ 50.4°	247
11	CSX60S100 PRO (sy(217)	37	15460	2895	5.99	4.28e-07	206.5°/ 47.2°	172
12	CSX60S100 PRO (sy(177)	56	13440	2393	5.70	5.67e-07	265.5°/ 47.2°	202
13	CSX60S300 PRO (LL(200)	12	16260	2765	5.44	3.87e-07	12.8°/ 67.9°	108
14	CSX60S100 PRO (sy(138)	26	27920	4685	5.37	1.31e-07	26.1°/ 47.4°	207
15	CSX60S100 PRO (sy(185)	29	22750	3498	4.92	1.98e-07	206.5°/ 47.2°	203
16	CSX60S100 PRO (sy(154)	47	16930	2153	4.07	3.57e-07	265.9°/ 47.4°	247
17	CSX60S300 PRO (LL(167)	6	31380	2579	2.63	1.04e-07	27.4°/ 67.1°	152
18	CSX60S200 PRO (LL(220)	8	26490	1829	2.21	1.46e-07	183.4°/ 58.6°	173
19	CSX60S300 PRO (LL(144)	4	61700	3642	1.89	2.69e-08	36.6°/ 66.8°	207
20	CSX60S200 PRO (LL(196)	5	11570	587	1.62	7.66e-07	3.4°/ 58.6°	108

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy(194)	61	9642	4751	15.77	1.10e-07	351.8°/ 56.2°	108
2	CSX60S100 PRO (sy(162)	89	11890	5352	14.41	7.24e-07	351.8°/ 56.2°	152
3	CSX60S100 PRO (sy(161)	23	31800	9870	9.93	1.01e-07	26.5°/ 47.2°	152
4	CSX60S100 PRO (sy(210)	72	11940	3437	9.21	7.18e-07	299.1°/ 52.7°	171
5	CSX60S100 PRO (sy(178)	79	13360	3402	8.15	5.74e-07	299.1°/ 52.7°	202
6	CSX60S100 PRO (sy(145)	28	16850	3320	6.30	3.61e-07	175.8°/ 50.4°	153
7	CSX60S100 PRO (sy(153)	69	16140	2880	5.71	3.93e-07	296.2°/ 50.4°	247
8	CSX60S100 PRO (sy(146)	34	11540	1910	5.30	7.69e-07	206.1°/ 47.4°	153
9	CSX60S100 PRO (sy(137)	43	16370	2658	5.20	3.82e-07	355.8°/ 50.4°	207
10	CSX60S100 PRO (sy(138)	24	29500	4700	5.10	1.18e-07	26.1°/ 47.4°	207
11	CSX60S100 PRO (sy(217)	27	15880	2279	4.59	4.06e-07	206.5°/ 47.2°	172
12	CSX60S100 PRO (sy(209)	37	11380	1580	4.44	7.91e-07	265.5°/ 47.2°	171
13	CSX60S100 PRO (sy(185)	23	23620	3096	4.19	1.83e-07	206.5°/ 47.2°	203
14	CSX60S100 PRO (sy(177)	33	13600	1465	3.45	5.54e-07	265.5°/ 47.2°	202
15	CSX60S100 PRO (sy(154)	28	17100	1323	2.48	3.50e-07	265.9°/ 47.4°	247
16	CSX60S300 PRO (LL(144)	4	73940	5243	2.27	1.87e-08	36.6°/ 66.8°	207
17	CSX60S300 PRO (LL(167)	4	34920	2176	1.99	8.40e-08	27.4°/ 67.1°	151
18	CSX60S300 PRO (LL(200)	4	17450	1078	1.98	3.36e-07	12.8°/ 67.9°	107
19	CSX60S300 PRO (LL(192)	4	41230	1681	1.30	6.02e-08	192.8°/ 67.9°	203
20	CSX60S200 PRO (LL(198)	4	8310	262	1.01	1.48e-06	342.6°/ 62.9°	108

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy(210)	109	11560	5636	15.60	7.67e-07	299.1°/ 52.7°	159
2	CSX60S100 PRO (sy(178)	117	12270	5118	13.35	6.80e-07	299.1°/ 52.7°	183
3	CSX60S100 PRO (sy(145)	57	13080	4193	10.26	5.98e-07	175.8°/ 50.4°	151
4	CSX60S100 PRO (sy(218)	29	27220	8128	9.56	1.38e-07	171.8°/ 56.2°	159
5	CSX60S100 PRO (sy(146)	61	10410	2852	8.77	9.46e-07	206.1°/ 47.4°	150
6	CSX60S100 PRO (sy(209)	66	10420	2779	8.54	9.44e-07	265.5°/ 47.2°	159
7	CSX60S100 PRO (sy(217)	46	12760	2865	7.19	6.29e-07	206.5°/ 47.2°	159
8	CSX60S200 PRO (LL(150)	19	8959	655	2.34	1.28e-06	228.2°/ 65.9°	150
9	CSX60S200 PRO (LL(149)	4	12580	307	0.78	6.47e-07	175.0°/ 63.4°	151
10	CSX60S300 PRO (LL(224)	4	13980	314	0.72	5.24e-07	192.8°/ 67.9°	160
11	CSX60S200 PRO (LL(214)	4	12140	258	0.68	6.95e-07	309.4°/ 62.9°	158
12	CSX60S200 PRO (LL(220)	3	17280	360	0.67	3.43e-07	183.4°/ 58.6°	160
13	CSX60S300 PRO (LL(223)	4	11600	217	0.60	7.61e-07	207.4°/ 67.1°	159
14	CSX60S300 PRO (LL(151)	4	9978	180	0.58	1.03e-06	197.2°/ 68.0°	151
15	CSX60S200 PRO (LL(221)	4	9798	166	0.54	1.07e-06	236.8°/ 64.7°	159
16	CSX60S200 PRO (LL(213)	4	9555	159	0.53	1.12e-06	245.2°/ 64.7°	159
17	CSX60S300 PRO (LL(152)	4	9140	151	0.53	1.23e-06	216.6°/ 66.8°	150
18	CSX60S300 PRO (LL(216)	4	9736	155	0.51	1.08e-06	279.2°/ 67.9°	158
19	CSX60S300 PRO (LL(215)	4	9438	145	0.49	1.15e-06	264.6°/ 67.1°	159
20	CSX60S200 PRO (LL(147)	2	13300	165	0.40	5.79e-07	172.4°/ 57.6°	151

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy(161)	26	93930	143300	48.82	1.16e-08	26.5°/ 47.2°	125
2	CSX60S100 PRO (sy(162)	78	10420	5329	16.36	9.43e-07	351.8°/ 56.2°	125
3	CSX60S100 PRO (sy(194)	36	9623	4528	15.06	1.11e-06	351.8°/ 56.2°	85
4	CSX60S100 PRO (sy(210)	65	11740	3510	9.57	7.43e-07	299.1°/ 52.7°	158
5	CSX60S100 PRO (sy(218)	24	30030	8425	8.98	1.14e-07	171.8°/ 56.2°	159
6	CSX60S100 PRO (sy(178)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183
7	CSX60S100 PRO (sy(145)	37	13430	2869	6.84	5.68e-07	175.8°/ 50.4°	150
8	CSX60S100 PRO (sy(138)	23	28630	5923	6.62	1.25e-07	26.1°/ 47.4°	178
9	CSX60S100 PRO (sy(153)	68	14690	2893	6.30	4.74e-07	296.2°/ 50.4°	223
10	CSX60S100 PRO (sy(137)	43	14480	2808	6.21	4.89e-07	355.8°/ 50.4°	178
11	CSX60S100 PRO (sy(146)	38	10580	1870	5.66	9.15e-07	206.1°/ 47.4°	150
12	CSX60S100 PRO (sy(209)	40	10560	1742	5.28	9.18e-07	265.5°/ 47.2°	158
13	CSX60S100 PRO (sy(217)	31	13040	2031	4.98	6.02e-07	206.5°/ 47.2°	159
14	CSX60S100 PRO (sy(185)	27	18380	2592	4.51	3.03e-07	206.5°/ 47.2°	184
15	CSX60S200 PRO (LL(196)	6	16150	2139	4.24	3.93e-07	3.4°/ 58.6°	85
16	CSX60S100 PRO (sy(177)	37	12170	1578	4.15	6.92e-07	265.5°/ 47.2°	183
17	CSX60S100 PRO (sy(154)	34	15220	1528	3.21	4.42e-07	265.9°/ 47.4°	224
18	CSX60S200 PRO (LL(198)	4	7738	364	1.51	1.71e-06	342.6°/ 62.9°	85
19	CSX60S300 PRO (LL(168)	4	15840	663	1.34	4.08e-07	12.8°/ 67.9°	124
20	CSX60S200 PRO (LL(188)	2	49050	1504	0.98	4.26e-08	183.4°/ 58.6°	184

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LL(164)	79	20860	51440	78.89	2.35e-07	3.4°/ 58.6°	81
2	CSX60S100 PRO (sy(162)	55	9836	8028	26.12	1.06e-06	351.8°/ 56.2°	81
3	CSX60S100 PRO (sy(138)	32	35110	24920	22.71	8.30e-08	26.1°/ 47.4°	125
4	CSX60S100 PRO (sy(129)	48	10060	5856	18.63	1.01e-06	116.2°/ 50.4°	90
5	CSX60S100 PRO (sy(178)	105	11720	5757	15.72	7.46e-07	299.1°/ 52.7°	157
6	CSX60S100 PRO (sy(218)	80	13240	6144	14.85	5.84e-07	171.8°/ 56.2°	149
7	CSX60S100 PRO (sy(137)	62	10980	4708	13.72	8.49e-07	355.8°/ 50.4°	125
8	CSX60S100 PRO (sy(210)	55	13900	4684	10.78	5.30e-07	299.1°/ 52.7°	149
9	CSX60S200 PRO (LL(131)	30	9212	3064	10.64	1.21e-06	119.6°/ 57.6°	90
10	CSX60S100 PRO (sy(145)	75	11600	3733	10.30	7.61e-07	175.8°/ 50.4°	163
11	CSX60S100 PRO (sy(153)	78	12350	3436	8.90	6.71e-07	296.2°/ 50.4°	184
12	CSX60S100 PRO (sy(217)	61	10270	2851	8.88	9.71e-07	206.5°/ 47.2°	149
13	CSX60S100 PRO (sy(177)	67	10330	2852	8.84	9.60e-07	265.5°/ 47.2°	157
14	CSX60S100 PRO (sy(209)	59	10440	2846	8.72	9.40e-07	265.5°/ 47.2°	149
15	CSX60S100 PRO (sy(146)	68	10630	2836	8.54	9.07e-07	206.1°/ 47.4°	162
16	CSX60S100 PRO (sy(186)	30	22370	5965	8.53	2.05e-07	171.8°/ 56.2°	157
17	CSX60S100 PRO (sy(185)	49	12190	2853	7.49	6.89e-07	206.5°/ 47.2°	157
18	CSX60S100 PRO (sy(154)	63	12060	2650	7.03	7.04e-07	265.9°/ 47.4°	184
19	CSX60S200 PRO (LL(166)	15	7815	1344	5.50	1.68e-06	342.6°/ 62.9°	80
20	CSX60S200 PRO (LL(133)	13	9791	1493	4.88	1.07e-06	117.0°/ 63.4°	90

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy(138)	26	73480	88370	38.48	1.90e-08	26.1°/ 47.4°	124
2	CSX60S200 PRO (LL(164)	14	44180	42350	30.68	5.25e-08	3.4°/ 58.6°	80
3	CSX60S100 PRO (sy(162)	32	10770	5614	16.69	8.83e-07	351.8°/ 56.2°	80
4	CSX60S100 PRO (sy(129)	31	10870	4430	13.04	8.67e-07	116.2°/ 50.4°	89
5	CSX60S100 PRO (sy(218)	53	13560	4277	10.09	5.57e-07	171.8°/ 56.2°	149
6	CSX60S100 PRO (sy(178)	61	11910	3466	9.31	7.21e-07	299.1°/ 52.7°	156
7	CSX60S100 PRO (sy(137)	40	11340	3226	9.11	7.97e-07	355.8°/ 50.4°	124
8	CSX60S100 PRO (sy(186)	26	23890	5828	7.81	1.79e-07	171.8°/ 56.2°	157
9	CSX60S100 PRO (sy(145)	56	11780	2853	7.75	7.38e-07	175.8°/ 50.4°	162
10	CSX60S100 PRO (sy(210)	38	14310	3425	7.66	5.00e-07	299.1°/ 52.7°	149
11	CSX60S100 PRO (sy(153)	65	12500	2925	7.49	6.55e-07	296.2°/ 50.4°	184
12	CSX60S200 PRO (LL(190)	4	115400	23700	6.57	7.69e-09	162.6°/ 62.9°	157
13	CSX60S100 PRO (sy(217)	39	10440	1887	5.78	9.39e-07	206.5°/ 47.2°	149
14	CSX60S100 PRO (sy(209)	38	10620	1889	5.69	9.08e-07	265.5°/ 47.2°	149
15	CSX60S100 PRO (sy(177)	42	10480	1830	5.59	9.33e-07	265.5°/ 47.2°	156
16	CSX60S100 PRO (sy(146)	43	10770	1862	5.53	8.83e-07	206.1°/ 47.4°	162
17	CSX60S100 PRO (sy(185)	32	12440	1979	5.09	6.61e-07	206.5°/ 47.2°	157
18	CSX60S100 PRO (sy(154)	39	12210	1680	4.40	6.87e-07	265.9°/ 47.4°	184
19	CSX60S200 PRO (LL(133)	4	10250	577	1.80	9.74e-07	117.0°/ 63.4°	89
20	CSX60S200 PRO (LL(166)	4	8118	454	1.79	1.55e-06	342.6°/ 62.9°	80

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S200 PRO (LL(174)	26	50220	143400	91.37	4.06e-08	129.4°/ 62.9°	67
2	CSX60S300 PRO (LL(208)	44	43620	100700	73.88	5.38e-08	99.2°/ 67.9°	90
3	CSX60S200 PRO (LL(139)	75	10000	11400	36.48	1.02e-06	352.4°/ 57.6°	80
4	CSX60S200 PRO (LL(132)	34	60570	63270	33.43	2.79e-08	81.6°/ 56.8°	138
5	CSX60S100 PRO (sy(218)	234	11430	11360	31.79	7.83e-07	171.8°/ 56.2°	162
6	CSX60S100 PRO (sy(202)	88	8848	8326	30.11	1.31e-06	120.2°/ 56.2°	90
7	CSX60S100 PRO (sy(137)	51	11080	9388	27.12	8.34e-07	355.8°/ 50.4°	80
8	CSX60S200 PRO (LL(204)	56	12340	10290	26.68	6.72e-07	108.6°/ 58.6°	90
9	CSX60S100 PRO (sy(186)	108	12670	7454	18.83	6.38e-07	171.8°/ 56.2°	151
10	CSX60S100 PRO (sy(129)	71	11610	4963	13.68	7.60e-07	116.2°/ 50.4°	138
11	CSX60S100 PRO (sy(130)	29	26840	10890	12.98	1.42e-07	85.9°/ 47.4°	138
12	CSX60S200 PRO (LL(141)	21	11290	4074	11.55	8.04e-07	355.0°/ 63.4°	80
13	CSX60S100 PRO (sy(153)	77	11620	4115	11.33	7.59e-07	296.2°/ 50.4°	157
14	CSX60S100 PRO (sy(210)	28	30930	10090	10.44	1.07e-07	299.1°/ 52.7°	162
15	CSX60S100 PRO (sy(178)	48	14930	4651	9.97	4.59e-07	299.1°/ 52.7°	151
16	CSX60S100 PRO (sy(185)	66	10200	2969	9.31	9.83e-07	206.5°/ 47.2°	150
17	CSX60S100 PRO (sy(154)	69	10360	2919	9.02	9.54e-07	265.9°/ 47.4°	158
18	CSX60S100 PRO (sy(217)	70	10560	2912	8.83	9.19e-07	206.5°/ 47.2°	162
19	CSX60S100 PRO (sy(177)	59	10730	2930	8.74	8.89e-07	265.5°/ 47.2°	151
20	CSX60S100 PRO (sy(145)	81	12800	3453	8.63	6.25e-07	175.8°/ 50.4°	193

I(p) IO 14 Schwarzkehlchenweg 30 O(1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(218)	149	11580	7452	20.60	7.64e-07	171.8°/ 56.2°	162
2	CSX60S100 PRO (sy(137)	29	12810	7363	18.40	6.24e-07	355.8°/ 50.4°	80
3	CSX60S100 PRO (sy(202)	46	9273	4860	16.77	1.19e-06	120.2°/ 56.2°	89
4	CSX60S100 PRO (sy(130)	24	32800	13330	13.01	9.52e-08	85.9°/ 47.4°	137
5	CSX60S200 PRO (LL(132)	8	97910	38760	12.67	1.07e-08	81.6°/ 56.8°	138
6	CSX60S100 PRO (sy(186)	67	12930	4837	11.97	6.13e-07	171.8°/ 56.2°	150
7	CSX60S100 PRO (sy(210)	23	35470	10960	9.89	8.14e-08	299.1°/ 52.7°	162
8	CSX60S300 PRO (LL(208)	5	49150	13870	9.03	4.24e-08	99.2°/ 67.9°	89
9	CSX60S100 PRO (sy(129)	43	11920	3144	8.44	7.21e-07	116.2°/ 50.4°	137
10	CSX60S100 PRO (sy(153)	53	11810	2949	7.99	7.34e-07	296.2°/ 50.4°	157
11	CSX60S100 PRO (sy(145)	68	12940	2971	7.35	6.12e-07	175.8°/ 50.4°	193
12	CSX60S100 PRO (sy(178)	34	15440	3500	7.26	4.30e-07	299.1°/ 52.7°	150
13	CSX60S200 PRO (LL(139)	12	10940	2295	6.71	8.56e-07	352.4°/ 57.6°	80
14	CSX60S100 PRO (sy(185)	44	10360	2039	6.30	9.54e-07	206.5°/ 47.2°	150
15	CSX60S100 PRO (sy(177)	41	10920	2127	6.23	8.59e-07	265.5°/ 47.2°	150
16	CSX60S100 PRO (sy(154)	47	10500	2034	6.20	9.29e-07	265.9°/ 47.4°	157
17	CSX60S100 PRO (sy(217)	45	10700	1927	5.76	8.95e-07	206.5°/ 47.2°	161
18	CSX60S200 PRO (LL(204)	10	13630	2383	5.59	5.51e-07	108.6°/ 58.6°	89
19	CSX60S100 PRO (sy(209)	34	13660	2343	5.49	5.49e-07	265.5°/ 47.2°	162
20	CSX60S100 PRO (sy(146)	41	12850	1796	4.47	6.20e-07	206.1°/ 47.4°	193

I(p) IO 15 Schwarzkehlchenweg 44 E(1658.55m / 980.45m / 2.60m)²

1	CSX60S300 PRO (LL(176)	38	138300	868500	200.94	5.35e-09	99.2°/ 67.9°	90
2	CSX60S100 PRO (sy(218)	701	12220	29310	76.75	6.86e-07	171.8°/ 56.2°	187
3	CSX60S200 PRO (LL(172)	65	12770	12740	31.93	6.28e-07	108.6°/ 58.6°	90
4	CSX60S100 PRO (sy(186)	234	11500	11440	31.83	7.74e-07	171.8°/ 56.2°	163
5	CSX60S100 PRO (sy(170)	85	8992	8331	29.65	1.27e-06	120.2°/ 56.2°	90
6	CSX60S100 PRO (sy(202)	152	10240	9388	29.34	9.77e-07	120.2°/ 56.2°	129
7	CSX60S100 PRO (sy(201)	34	28350	15840	17.88	1.27e-07	85.5°/ 47.2°	129
8	CSX60S300 PRO (LL(207)	12	48510	16780	11.07	4.35e-08	84.6°/ 67.1°	129
9	CSX60S100 PRO (sy(178)	29	29890	9454	10.12	1.15e-07	299.1°/ 52.7°	163
10	CSX60S100 PRO (sy(153)	55	13410	4236	10.11	5.70e-07	296.2°/ 50.4°	151
11	CSX60S200 PRO (LL(212)	17	60120	17500	9.31	2.83e-08	288.6°/ 58.6°	187
12	CSX60S100 PRO (sy(154)	62	10500	2940	8.96	9.29e-07	265.9°/ 47.4°	151
13	CSX60S100 PRO (sy(185)	70	10590	2919	8.82	9.13e-07	206.5°/ 47.2°	162
14	CSX60S100 PRO (sy(129)	63	14390	3808	8.47	4.95e-07	116.2°/ 50.4°	182
15	CSX60S100 PRO (sy(177)	48	13320	3142	7.55	5.77e-07	265.5°/ 47.2°	163
16	CSX60S300 PRO (LL(136)	7	112800	26560	7.54	8.05e-09	75.4°/ 66.8°	183
17	CSX60S100 PRO (sy(217)	64	12240	2709	7.08	6.84e-07	206.5°/ 47.2°	187
18	CSX60S100 PRO (sy(145)	79	14760	3262	7.07	4.70e-07	175.8°/ 50.4°	228
19	CSX60S100 PRO (sy(130)	27	25800	5285	6.55	1.54e-07	85.9°/ 47.4°	183
20	CSX60S100 PRO (sy(209)	34	18780	3369	5.74	2.90e-07	265.5°/ 47.2°	187

I(p) IO 15 Schwarzkehlchenweg 44 O(1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(218)	300	12330	12820	33.27	6.73e-07	171.8°/ 56.2°	186
2	CSX60S100 PRO (sy(186)	150	11650	7562	20.78	7.55e-07	171.8°/ 56.2°	162
3	CSX60S100 PRO (sy(201)	26	38380	22530	18.78	6.95e-08	85.5°/ 47.2°	128
4	CSX60S100 PRO (sy(202)	93	10440	5993	18.36	9.39e-07	120.2°/ 56.2°	128
5	CSX60S100 PRO (sy(170)	45	9439	4903	16.62	1.15e-06	120.2°/ 56.2°	89
6	CSX60S300 PRO (LL(207)	5	99710	30180	9.69	1.03e-08	84.6°/ 67.1°	129
7	CSX60S100 PRO (sy(178)	24	33860	10210	9.65	8.93e-08	299.1°/ 52.7°	162
8	CSX60S100 PRO (sy(153)	39	13780	3208	7.45	5.40e-07	296.2°/ 50.4°	150
9	CSX60S100 PRO (sy(154)	44	10670	2157	6.47	8.99e-07	265.9°/ 47.4°	150
10	CSX60S100 PRO (sy(145)	71	14890	2976	6.40	4.62e-07	175.8°/ 50.4°	227
11	CSX60S100 PRO (sy(130)	24	27640	5406	6.26	1.34e-07	85.9°/ 47.4°	182
12	CSX60S100 PRO (sy(129)	44	14640	2802	6.12	4.78e-07	116.2°/ 50.4°	182
13	CSX60S200 PRO (LL(172)	11	14210	2660	5.99	5.07e-07	108.6°/ 58.6°	89
14	CSX60S100 PRO (sy(185)	46	10730	1992	5.94	8.89e-07	206.5°/ 47.2°	162
15	CSX60S100 PRO (sy(177)	35	13620	2404	5.65	5.52e-07	265.5°/ 47.2°	163
16	CSX60S300 PRO (LL(136)	3	162800	24730	4.86	3.86e-09	75.4°/ 66.8°	183
17	CSX60S100 PRO (sy(217)	41	12380	1789	4.62	6.68e-07	206.5°/ 47.2°	186
18	CSX60S100 PRO (sy(209)	25	19380	2632	4.35	2.73e-07	265.5°/ 47.2°	187
19	CSX60S100 PRO (sy(146)	38	15470	1711	3.54	4.28e-07	206.1°/ 47.4°	227
20	CSX60S200 PRO (LL(212)	2	86220	4496	1.67	1.38e-08	288.6°/ 58.6°	187

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy(202)	894	15240	36260	76.14	4.41e-07	120.2°/ 56.2°	236
2	CSX60S100 PRO (sy(170)	409	13800	18040	41.84	5.38e-07	120.2°/ 56.2°	205
3	CSX60S100 PRO (sy(186)	87	12850	7017	17.47	6.20e-07	171.8°/ 56.2°	142
4	CSX60S100 PRO (sy(137)	33	21720	4554	6.71	2.17e-07	355.8°/ 50.4°	182
5	CSX60S100 PRO (sy(138)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
6	CSX60S100 PRO (sy(169)	64	13440	2655	6.32	5.67e-07	85.5°/ 47.2°	206
7	CSX60S100 PRO (sy(161)	37	18910	3063	5.18	2.86e-07	26.5°/ 47.2°	206
8	CSX60S100 PRO (sy(201)	57	15700	2456	5.00	4.15e-07	85.5°/ 47.2°	237
9	CSX60S300 PRO (LL(192)	12	25970	3982	4.91	1.52e-07	192.8°/ 67.9°	141
10	CSX60S100 PRO (sy(193)	29	26400	3526	4.27	1.47e-07	26.5°/ 47.2°	237
11	CSX60S200 PRO (LL(188)	15	16450	2037	3.96	3.79e-07	183.4°/ 58.6°	141
12	CSX60S200 PRO (LL(164)	6	35120	1740	1.59	8.30e-08	3.4°/ 58.6°	206
13	CSX60S300 PRO (LL(200)	4	44500	1435	1.03	5.17e-08	12.8°/ 67.9°	238
14	CSX60S200 PRO (LL(141)	5	21650	651	0.96	2.18e-07	355.0°/ 63.4°	182
15	CSX60S200 PRO (LL(139)	4	23830	690	0.93	1.80e-07	352.4°/ 57.6°	182
16	CSX60S200 PRO (LL(142)	9	11250	326	0.93	8.09e-07	48.2°/ 65.9°	181
17	CSX60S200 PRO (LL(190)	4	11080	270	0.78	8.33e-07	162.6°/ 62.9°	141
18	CSX60S300 PRO (LL(168)	4	23330	525	0.72	1.88e-07	12.8°/ 67.9°	206
19	CSX60S300 PRO (LL(199)	4	24070	421	0.56	1.77e-07	27.4°/ 67.1°	237
20	CSX60S300 PRO (LL(143)	4	13990	242	0.55	5.24e-07	17.2°/ 68.0°	182

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(217)	22	137700	120500	28.00	5.40e-09	206.5°/ 47.2°	183
2	CSX60S100 PRO (sy(202)	129	15480	5396	11.16	4.27e-07	120.2°/ 56.2°	236
3	CSX60S100 PRO (sy(170)	101	14070	4640	10.56	5.18e-07	120.2°/ 56.2°	205
4	CSX60S100 PRO (sy(186)	38	13580	3413	8.04	5.55e-07	171.8°/ 56.2°	141
5	CSX60S100 PRO (sy(218)	54	15260	3694	7.74	4.39e-07	171.8°/ 56.2°	183
6	CSX60S100 PRO (sy(146)	23	42420	7334	5.53	5.69e-08	206.1°/ 47.4°	235
7	CSX60S100 PRO (sy(137)	23	23890	3979	5.33	1.79e-07	355.8°/ 50.4°	181
8	CSX60S100 PRO (sy(129)	60	18340	2560	4.47	3.04e-07	116.2°/ 50.4°	278
9	CSX60S100 PRO (sy(145)	35	19580	2400	3.92	2.67e-07	175.8°/ 50.4°	235
10	CSX60S100 PRO (sy(193)	23	28200	3243	3.68	1.29e-07	26.5°/ 47.2°	237
11	CSX60S100 PRO (sy(161)	24	19870	2150	3.46	2.59e-07	26.5°/ 47.2°	205
12	CSX60S100 PRO (sy(138)	24	14470	1515	3.35	4.89e-07	26.1°/ 47.4°	181
13	CSX60S100 PRO (sy(169)	25	13750	1099	2.56	5.41e-07	85.5°/ 47.2°	205
14	CSX60S100 PRO (sy(201)	26	16030	1186	2.37	3.98e-07	85.5°/ 47.2°	236
15	CSX60S300 PRO (LL(192)	4	31370	2035	2.08	1.04e-07	192.8°/ 67.9°	141
16	CSX60S100 PRO (sy(130)	25	19340	1170	1.94	2.74e-07	85.9°/ 47.4°	279
17	CSX60S300 PRO (LL(200)	4	49650	1792	1.16	4.15e-08	12.8°/ 67.9°	237
18	CSX60S200 PRO (LL(141)	4	23060	712	0.99	1.92e-07	355.0°/ 63.4°	181
19	CSX60S300 PRO (LL(224)	4	22400	614	0.88	2.04e-07	192.8°/ 67.9°	183
20	CSX60S300 PRO (LL(223)	1	91090	2345	0.82	1.23e-08	207.4°/ 67.1°	183

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy(146)	27	270200	128100	45.52	1.26e-08	206.1°/ 47.4°	130
2	CSX60S100 PRO (sy(218)	51	39500	10560	25.66	5.91e-07	171.8°/ 56.2°	91
3	CSX60S100 PRO (sy(202)	171	37960	9417	23.81	6.40e-07	120.2°/ 56.2°	169
4	CSX60S100 PRO (sy(153)	45	36330	6583	17.39	6.98e-07	296.2°/ 50.4°	99
5	CSX60S200 PRO (LL(155)	47	33040	5637	16.38	8.44e-07	299.6°/ 57.6°	99
6	CSX60S100 PRO (sy(162)	87	42770	6641	14.91	5.04e-07	351.8°/ 56.2°	162
7	CSX60S100 PRO (sy(145)	60	36210	5125	13.59	7.03e-07	175.8°/ 50.4°	129
8	CSX60S100 PRO (sy(170)	71	45290	6011	12.74	4.49e-07	120.2°/ 56.2°	162
9	CSX60S100 PRO (sy(137)	80	37180	4007	10.35	6.67e-07	355.8°/ 50.4°	173
10	CSX60S100 PRO (sy(129)	82	38920	3649	9.00	6.08e-07	116.2°/ 50.4°	192
11	CSX60S100 PRO (sy(161)	64	33250	2964	8.56	8.34e-07	26.5°/ 47.2°	161
12	CSX60S100 PRO (sy(201)	70	33380	2953	8.49	8.27e-07	85.5°/ 47.2°	169
13	CSX60S100 PRO (sy(138)	71	33920	2973	8.41	8.01e-07	26.1°/ 47.4°	173
14	CSX60S100 PRO (sy(169)	61	33880	2896	8.21	8.03e-07	85.5°/ 47.2°	162
15	CSX60S100 PRO (sy(194)	33	67350	5724	8.16	2.03e-07	351.8°/ 56.2°	169
16	CSX60S100 PRO (sy(193)	52	38660	2950	7.32	6.17e-07	26.5°/ 47.2°	169
17	CSX60S100 PRO (sy(130)	68	37610	2823	7.21	6.52e-07	85.9°/ 47.4°	192
18	CSX60S200 PRO (LL(222)	17	29400	1906	6.22	1.07e-06	162.6°/ 62.9°	91
19	CSX60S300 PRO (LL(151)	10	77380	3849	4.78	1.54e-07	197.2°/ 68.0°	129
20	CSX60S200 PRO (LL(157)	12	35820	1732	4.64	7.18e-07	297.0°/ 63.4°	99

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy(218)	30	44600	8114	17.47	4.63e-07	171.8°/ 56.2°	90
2	CSX60S100 PRO (sy(202)	112	38480	6383	15.92	6.22e-07	120.2°/ 56.2°	168
3	CSX60S100 PRO (sy(153)	30	39550	5232	12.70	5.89e-07	296.2°/ 50.4°	99
4	CSX60S100 PRO (sy(162)	59	43680	4737	10.41	4.83e-07	351.8°/ 56.2°	161
5	CSX60S100 PRO (sy(145)	39	37470	3549	9.09	6.56e-07	175.8°/ 50.4°	129
6	CSX60S100 PRO (sy(170)	48	46400	4318	8.93	4.28e-07	120.2°/ 56.2°	161
7	CSX60S100 PRO (sy(137)	58	37700	2984	7.60	6.48e-07	355.8°/ 50.4°	173
8	CSX60S100 PRO (sy(129)	66	39360	3023	7.37	5.95e-07	116.2°/ 50.4°	192
9	CSX60S100 PRO (sy(194)	27	70940	5272	7.13	1.83e-07	351.8°/ 56.2°	169
10	CSX60S100 PRO (sy(161)	45	33730	2156	6.14	8.10e-07	26.5°/ 47.2°	161
11	CSX60S100 PRO (sy(169)	43	34390	2144	5.98	7.79e-07	85.5°/ 47.2°	161
12	CSX60S100 PRO (sy(138)	50	34330	2139	5.98	7.82e-07	26.1°/ 47.4°	173
13	CSX60S100 PRO (sy(201)	48	33800	2096	5.95	8.07e-07	85.5°/ 47.2°	168
14	CSX60S100 PRO (sy(193)	39	39370	2315	5.64	5.94e-07	26.5°/ 47.2°	168
15	CSX60S100 PRO (sy(130)	47	38020	2009	5.07	6.37e-07	85.9°/ 47.4°	192
16	CSX60S300 PRO (LL(151)	5	86460	2636	2.93	1.23e-07	197.2°/ 68.0°	129
17	CSX60S200 PRO (LL(155)	8	34870	1043	2.87	7.58e-07	299.6°/ 57.6°	99
18	CSX60S200 PRO (LL(198)	4	161900	4499	2.67	3.52e-08	342.6°/ 62.9°	169
19	CSX60S200 PRO (LL(157)	5	37740	797	2.03	6.47e-07	297.0°/ 63.4°	99
20	CSX60S200 PRO (LL(222)	5	30720	580	1.81	9.77e-07	162.6°/ 62.9°	90

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(210)	165	161400	2051000	1219.76	3.54e-08	299.1°/ 52.7°	48
2	CSX60S300 PRO (LL(151)	98	187800	927400	474.03	2.61e-08	197.2°/ 68.0°	64
3	CSX60S200 PRO (LL(214)	108	27630	38930	135.27	1.21e-06	309.4°/ 62.9°	48
4	CSX60S100 PRO (sy(177)	72	60210	48510	77.35	2.54e-07	265.5°/ 47.2°	76
5	CSX60S100 PRO (sy(178)	167	19210	11500	57.46	2.50e-06	299.1°/ 52.7°	76
6	CSX60S100 PRO (sy(145)	117	18590	10800	55.76	2.67e-06	175.8°/ 50.4°	64
7	CSX60S100 PRO (sy(162)	365	29560	16890	54.85	1.05e-06	351.8°/ 56.2°	143
8	CSX60S200 PRO (LL(147)	111	17470	9111	50.06	3.02e-06	172.4°/ 57.6°	64
9	CSX60S200 PRO (LL(149)	74	18390	6739	35.19	2.73e-06	175.0°/ 63.4°	64
10	CSX60S300 PRO (LL(184)	64	30360	10990	34.75	1.00e-06	279.2°/ 67.9°	77
11	CSX60S200 PRO (LL(180)	80	22630	7598	32.23	1.80e-06	288.6°/ 58.6°	76
12	CSX60S100 PRO (sy(194)	131	32330	8706	25.85	8.82e-07	351.8°/ 56.2°	130
13	CSX60S100 PRO (sy(170)	30	128700	26410	19.71	5.57e-08	120.2°/ 56.2°	144
14	CSX60S100 PRO (sy(153)	100	29740	5692	18.37	1.04e-06	296.2°/ 50.4°	130
15	CSX60S100 PRO (sy(129)	97	29470	4927	16.05	1.06e-06	116.2°/ 50.4°	136
16	CSX60S100 PRO (sy(202)	62	39190	6077	14.89	6.00e-07	120.2°/ 56.2°	131
17	CSX60S100 PRO (sy(193)	72	26230	3157	11.56	1.34e-06	26.5°/ 47.2°	130
18	CSX60S100 PRO (sy(130)	76	26670	3143	11.31	1.30e-06	85.9°/ 47.4°	137
19	CSX60S100 PRO (sy(201)	66	27790	3233	11.17	1.19e-06	85.5°/ 47.2°	131
20	CSX60S200 PRO (LL(182)	36	16800	1896	10.84	3.27e-06	309.4°/ 62.9°	76

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(177)	27	178600	161500	86.83	2.89e-08	265.5°/ 47.2°	76
2	CSX60S200 PRO (LL(214)	27	43840	25570	56.00	4.80e-07	309.4°/ 62.9°	47
3	CSX60S100 PRO (sy(162)	203	29930	9671	31.02	1.03e-06	351.8°/ 56.2°	143
4	CSX60S100 PRO (sy(178)	75	19950	5699	27.43	2.32e-06	299.1°/ 52.7°	75
5	CSX60S100 PRO (sy(170)	26	208000	58160	26.85	2.13e-08	120.2°/ 56.2°	143
6	CSX60S100 PRO (sy(145)	47	19960	5155	24.80	2.31e-06	175.8°/ 50.4°	63
7	CSX60S100 PRO (sy(194)	80	33040	5598	16.27	8.44e-07	351.8°/ 56.2°	130
8	CSX60S100 PRO (sy(153)	55	30380	3286	10.38	9.98e-07	296.2°/ 50.4°	129
9	CSX60S100 PRO (sy(202)	41	40580	4289	10.15	5.60e-07	120.2°/ 56.2°	130
10	CSX60S100 PRO (sy(129)	59	29990	3103	9.93	1.02e-06	116.2°/ 50.4°	136
11	CSX60S100 PRO (sy(154)	26	53500	4818	8.65	3.22e-07	265.9°/ 47.4°	129
12	CSX60S100 PRO (sy(193)	52	26660	2372	8.54	1.30e-06	26.5°/ 47.2°	130
13	CSX60S100 PRO (sy(137)	72	35040	3051	8.36	7.51e-07	355.8°/ 50.4°	177
14	CSX60S100 PRO (sy(130)	55	27060	2351	8.34	1.26e-06	85.9°/ 47.4°	136
15	CSX60S100 PRO (sy(201)	46	28310	2367	8.03	1.15e-06	85.5°/ 47.2°	130
16	CSX60S100 PRO (sy(161)	54	28180	2281	7.77	1.16e-06	26.5°/ 47.2°	143
17	CSX60S100 PRO (sy(169)	35	37300	2554	6.57	6.62e-07	85.5°/ 47.2°	143
18	CSX60S100 PRO (sy(138)	44	35550	1938	5.23	7.29e-07	26.1°/ 47.4°	177
19	CSX60S300 PRO (LL(184)	8	32500	1594	4.71	8.73e-07	279.2°/ 67.9°	76
20	CSX60S200 PRO (LL(147)	9	18270	866	4.55	2.76e-06	172.4°/ 57.6°	63

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy(162)	1359	35010	53550	146.84	7.52e-07	351.8°/ 56.2°	184
2	CSX60S100 PRO (sy(194)	512	30590	22230	69.75	9.85e-07	351.8°/ 56.2°	153
3	CSX60S100 PRO (sy(210)	153	21970	9510	41.55	1.91e-06	299.1°/ 52.7°	92
4	CSX60S100 PRO (sy(209)	43	50300	13930	26.58	3.64e-07	265.5°/ 47.2°	92
5	CSX60S300 PRO (LL(215)	29	74490	20540	26.47	1.66e-07	264.6°/ 67.1°	92
6	CSX60S100 PRO (sy(178)	137	30350	7255	22.95	1.00e-06	299.1°/ 52.7°	137
7	CSX60S100 PRO (sy(130)	63	28660	3250	10.89	1.12e-06	85.9°/ 47.4°	131
8	CSX60S100 PRO (sy(129)	44	40270	4534	10.81	5.68e-07	116.2°/ 50.4°	131
9	CSX60S200 PRO (LL(179)	19	97800	10640	10.44	9.64e-08	254.9°/ 56.2°	138
10	CSX60S100 PRO (sy(193)	71	29780	2949	9.51	1.04e-06	26.5°/ 47.2°	153
11	CSX60S200 PRO (LL(212)	29	24920	2309	8.89	1.48e-06	288.6°/ 58.6°	92
12	CSX60S100 PRO (sy(177)	30	52610	4837	8.83	3.33e-07	265.5°/ 47.2°	137
13	CSX60S300 PRO (LL(216)	24	30510	2807	8.83	9.90e-07	279.2°/ 67.9°	92
14	CSX60S100 PRO (sy(153)	66	43240	3513	7.80	4.93e-07	296.2°/ 50.4°	195
15	CSX60S100 PRO (sy(201)	41	42100	3370	7.68	5.20e-07	85.5°/ 47.2°	154
16	CSX60S100 PRO (sy(137)	80	44380	3230	6.99	4.68e-07	355.8°/ 50.4°	230
17	CSX60S100 PRO (sy(161)	61	36680	2653	6.94	6.85e-07	26.5°/ 47.2°	184
18	CSX60S100 PRO (sy(169)	31	66720	4376	6.30	2.07e-07	85.5°/ 47.2°	185
19	CSX60S100 PRO (sy(154)	30	65890	3705	5.40	2.12e-07	265.9°/ 47.4°	195
20	CSX60S200 PRO (LL(134)	37	23780	1333	5.38	1.63e-06	63.8°/ 65.9°	131

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S100 PRO (sy(209)	24	85590	22870	25.65	1.26e-07	265.5°/ 47.2°	91
2	CSX60S100 PRO (sy(162)	195	35490	7917	21.42	7.32e-07	351.8°/ 56.2°	183
3	CSX60S100 PRO (sy(194)	131	31140	5948	18.34	9.50e-07	351.8°/ 56.2°	152
4	CSX60S100 PRO (sy(210)	51	23040	3568	14.87	1.74e-06	299.1°/ 52.7°	91
5	CSX60S100 PRO (sy(178)	56	31210	3166	9.74	9.46e-07	299.1°/ 52.7°	137
6	CSX60S300 PRO (LL(215)	4	175300	16660	9.12	3.00e-08	264.6°/ 67.1°	92
7	CSX60S100 PRO (sy(177)	24	59130	4780	7.76	2.64e-07	265.5°/ 47.2°	137
8	CSX60S100 PRO (sy(129)	27	43120	3157	7.03	4.96e-07	116.2°/ 50.4°	130
9	CSX60S100 PRO (sy(137)	67	45000	2773	5.92	4.55e-07	355.8°/ 50.4°	230
10	CSX60S100 PRO (sy(130)	30	29600	1703	5.52	1.05e-06	85.9°/ 47.4°	130
11	CSX60S100 PRO (sy(153)	45	44190	2526	5.49	4.72e-07	296.2°/ 50.4°	195
12	CSX60S100 PRO (sy(169)	23	71900	3865	5.16	1.78e-07	85.5°/ 47.2°	184
13	CSX60S100 PRO (sy(201)	24	44170	2184	4.75	4.72e-07	85.5°/ 47.2°	153
14	CSX60S100 PRO (sy(154)	23	69980	3271	4.49	1.88e-07	265.9°/ 47.4°	195
15	CSX60S100 PRO (sy(193)	32	30420	1369	4.32	9.96e-07	26.5°/ 47.2°	152
16	CSX60S100 PRO (sy(161)	29	37400	1326	3.40	6.59e-07	26.5°/ 47.2°	183
17	CSX60S300 PRO (LL(176)	4	228700	7023	2.95	1.76e-08	99.2°/ 67.9°	184
18	CSX60S100 PRO (sy(138)	26	48490	1265	2.50	3.92e-07	26.1°/ 47.4°	229
19	CSX60S200 PRO (LL(179)	2	156500	3067	1.88	3.76e-08	254.9°/ 56.2°	137
20	CSX60S300 PRO (LL(216)	4	32360	570	1.69	8.80e-07	279.2°/ 67.9°	91

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(194)	780	18420	29790	51.76	3.02e-07	351.8°/ 56.2°	295
2	CSX60S100 PRO (sy(162)	508	21310	19490	29.27	2.25e-07	351.8°/ 56.2°	340
3	CSX60S100 PRO (sy(130)	24	60650	14240	7.51	2.78e-08	85.9°/ 47.4°	244
4	CSX60S100 PRO (sy(210)	76	18890	3695	6.26	2.87e-07	299.1°/ 52.7°	267
5	CSX60S100 PRO (sy(178)	73	22220	3498	5.04	2.07e-07	299.1°/ 52.7°	316
6	CSX60S100 PRO (sy(137)	70	25930	2940	3.63	1.52e-07	355.8°/ 50.4°	396
7	CSX60S100 PRO (sy(153)	55	27120	2802	3.31	1.39e-07	296.2°/ 50.4°	376
8	CSX60S100 PRO (sy(209)	26	29140	2992	3.29	1.21e-07	265.5°/ 47.2°	267
9	CSX60S100 PRO (sy(193)	36	21410	1874	2.80	2.23e-07	26.5°/ 47.2°	294
10	CSX60S200 PRO (LL(213)	4	132200	10740	2.60	5.86e-09	245.2°/ 64.7°	267
11	CSX60S100 PRO (sy(177)	24	33580	2689	2.56	9.08e-08	265.5°/ 47.2°	317
12	CSX60S100 PRO (sy(161)	32	25390	1764	2.22	1.59e-07	26.5°/ 47.2°	340
13	CSX60S100 PRO (sy(154)	24	38810	2529	2.09	6.80e-08	265.9°/ 47.4°	376
14	CSX60S100 PRO (sy(138)	30	30190	1704	1.81	1.12e-07	26.1°/ 47.4°	395
15	CSX60S200 PRO (LL(181)	4	94260	3888	1.32	1.15e-08	245.2°/ 64.7°	317
16	CSX60S200 PRO (LL(158)	4	117500	4274	1.16	7.42e-09	243.8°/ 65.9°	377
17	CSX60S300 PRO (LL(136)	4	30420	640	0.67	1.11e-07	75.4°/ 66.8°	243
18	CSX60S200 PRO (LL(134)	4	22530	377	0.53	2.02e-07	63.8°/ 65.9°	243
19	CSX60S200 PRO (LL(205)	4	32560	533	0.52	9.66e-08	65.2°/ 64.7°	295
20	CSX60S200 PRO (LL(173)	4	42590	686	0.52	5.65e-08	65.2°/ 64.7°	341

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy(130)	23	98580	37170	12.07	1.05e-08	85.9°/ 47.4°	243
2	CSX60S100 PRO (sy(194)	114	18650	4452	7.64	2.94e-07	351.8°/ 56.2°	294
3	CSX60S100 PRO (sy(162)	122	21550	4794	7.12	2.21e-07	351.8°/ 56.2°	340
4	CSX60S100 PRO (sy(210)	54	19270	2765	4.59	2.76e-07	299.1°/ 52.7°	267
5	CSX60S100 PRO (sy(178)	56	22590	2782	3.94	2.01e-07	299.1°/ 52.7°	316
6	CSX60S100 PRO (sy(209)	22	30830	2913	3.02	1.08e-07	265.5°/ 47.2°	267
7	CSX60S200 PRO (LL(213)	3	205400	17600	2.74	2.43e-09	245.2°/ 64.7°	267
8	CSX60S100 PRO (sy(137)	52	26240	2216	2.70	1.49e-07	355.8°/ 50.4°	395
9	CSX60S100 PRO (sy(153)	39	27540	2031	2.36	1.35e-07	296.2°/ 50.4°	376
10	CSX60S100 PRO (sy(177)	21	35120	2532	2.31	8.30e-08	265.5°/ 47.2°	316
11	CSX60S100 PRO (sy(193)	25	21880	1347	1.97	2.14e-07	26.5°/ 47.2°	294
12	CSX60S100 PRO (sy(154)	21	40200	2347	1.87	6.34e-08	265.9°/ 47.4°	376
13	CSX60S200 PRO (LL(181)	4	124900	6838	1.75	6.56e-09	245.2°/ 64.7°	317
14	CSX60S100 PRO (sy(161)	23	25890	1327	1.64	1.53e-07	26.5°/ 47.2°	340
15	CSX60S100 PRO (sy(138)	24	30730	1434	1.49	1.08e-07	26.1°/ 47.4°	395
16	CSX60S200 PRO (LL(158)	4	149100	6895	1.48	4.60e-09	243.8°/ 65.9°	376
17	CSX60S300 PRO (LL(136)	4	31870	704	0.71	1.01e-07	75.4°/ 66.8°	243
18	CSX60S200 PRO (LL(132)	2	47810	818	0.55	4.48e-08	81.6°/ 56.8°	243
19	CSX60S200 PRO (LL(171)	2	95070	1646	0.55	1.13e-08	74.9°/ 56.2°	341
20	CSX60S200 PRO (LL(134)	4	23110	397	0.55	1.92e-07	63.8°/ 65.9°	243

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(194)	484	23810	18670	25.09	1.81e-07	351.8°/ 56.2°	379
2	CSX60S100 PRO (sy(162)	359	26880	13960	16.62	1.42e-07	351.8°/ 56.2°	426
3	CSX60S100 PRO (sy(210)	71	25040	3405	4.35	1.63e-07	299.1°/ 52.7°	358
4	CSX60S100 PRO (sy(178)	69	28410	3301	3.72	1.27e-07	299.1°/ 52.7°	407
5	CSX60S100 PRO (sy(137)	66	31940	2829	2.83	1.00e-07	355.8°/ 50.4°	483
6	CSX60S100 PRO (sy(153)	54	33510	2693	2.57	9.12e-08	296.2°/ 50.4°	467
7	CSX60S100 PRO (sy(209)	24	37550	2596	2.21	7.26e-08	265.5°/ 47.2°	358
8	CSX60S100 PRO (sy(177)	24	42110	2496	1.90	5.77e-08	265.5°/ 47.2°	408
9	CSX60S100 PRO (sy(193)	29	28790	1645	1.83	1.24e-07	26.5°/ 47.2°	379
10	CSX60S100 PRO (sy(154)	25	47360	2479	1.67	4.57e-08	265.9°/ 47.4°	468
11	CSX60S100 PRO (sy(161)	29	33040	1688	1.63	9.38e-08	26.5°/ 47.2°	426
12	CSX60S100 PRO (sy(138)	27	38030	1643	1.38	7.08e-08	26.1°/ 47.4°	483
13	CSX60S200 PRO (LL(213)	4	94480	3060	1.04	1.15e-08	245.2°/ 64.7°	358
14	CSX60S300 PRO (LL(136)	4	69550	1878	0.86	2.12e-08	75.4°/ 66.8°	325
15	CSX60S200 PRO (LL(181)	4	94280	2349	0.80	1.15e-08	245.2°/ 64.7°	408
16	CSX60S200 PRO (LL(158)	4	118000	2798	0.76	7.35e-09	243.8°/ 65.9°	468
17	CSX60S200 PRO (LL(171)	1	268800	5470	0.65	1.42e-09	74.9°/ 56.2°	427
18	CSX60S200 PRO (LL(203)	2	129900	2473	0.61	6.07e-09	74.9°/ 56.2°	380
19	CSX60S200 PRO (LL(205)	4	51980	823	0.51	3.79e-08	65.2°/ 64.7°	380
20	CSX60S200 PRO (LL(173)	4	66160	1054	0.51	2.34e-08	65.2°/ 64.7°	427

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	CSX60S100 PRO (sy(194)	128	24050	5049	6.72	1.77e-07	351.8°/ 56.2°	379
2	CSX60S100 PRO (sy(162)	120	27120	4750	5.60	1.39e-07	351.8°/ 56.2°	426
3	CSX60S100 PRO (sy(210)	56	25410	2787	3.51	1.59e-07	299.1°/ 52.7°	357
4	CSX60S100 PRO (sy(178)	57	28770	2787	3.10	1.24e-07	299.1°/ 52.7°	407
5	CSX60S100 PRO (sy(137)	53	32270	2305	2.29	9.83e-08	355.8°/ 50.4°	483
6	CSX60S100 PRO (sy(209)	21	39030	2456	2.01	6.72e-08	265.5°/ 47.2°	358
7	CSX60S100 PRO (sy(153)	41	33930	2088	1.97	8.90e-08	296.2°/ 50.4°	467
8	CSX60S100 PRO (sy(177)	21	43510	2346	1.73	5.41e-08	265.5°/ 47.2°	407
9	CSX60S100 PRO (sy(154)	23	48670	2441	1.61	4.32e-08	265.9°/ 47.4°	467
10	CSX60S100 PRO (sy(193)	24	29320	1424	1.55	1.19e-07	26.5°/ 47.2°	379
11	CSX60S100 PRO (sy(161)	23	33610	1423	1.35	9.06e-08	26.5°/ 47.2°	426
12	CSX60S200 PRO (LL(213)	4	112900	4374	1.24	8.03e-09	245.2°/ 64.7°	358
13	CSX60S100 PRO (sy(138)	23	38620	1462	1.21	6.86e-08	26.1°/ 47.4°	483
14	CSX60S200 PRO (LL(203)	2	209800	6459	0.98	2.33e-09	74.9°/ 56.2°	380
15	CSX60S300 PRO (LL(136)	4	77760	2350	0.97	1.69e-08	75.4°/ 66.8°	324
16	CSX60S200 PRO (LL(181)	4	105500	2945	0.89	9.20e-09	245.2°/ 64.7°	408
17	CSX60S200 PRO (LL(158)	4	132000	3499	0.85	5.88e-09	243.8°/ 65.9°	468
18	CSX60S200 PRO (LL(173)	4	69200	1154	0.53	2.14e-08	65.2°/ 64.7°	427
19	CSX60S200 PRO (LL(205)	4	54050	890	0.53	3.50e-08	65.2°/ 64.7°	380
20	CSX60S200 PRO (LL(134)	4	38190	609	0.51	7.02e-08	63.8°/ 65.9°	324

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy(194)	314	144800	12280	13.57	1.22e-07	351.8°/ 56.2°	458
2	CSX60S100 PRO (sy(162)	272	160600	10680	10.64	9.93e-08	351.8°/ 56.2°	506
3	CSX60S100 PRO (sy(210)	67	153500	3194	3.33	1.09e-07	299.1°/ 52.7°	440
4	CSX60S100 PRO (sy(178)	66	170400	3131	2.94	8.82e-08	299.1°/ 52.7°	490
5	CSX60S100 PRO (sy(137)	63	187800	2735	2.33	7.26e-08	355.8°/ 50.4°	564
6	CSX60S100 PRO (sy(153)	52	196800	2585	2.10	6.61e-08	296.2°/ 50.4°	550
7	CSX60S100 PRO (sy(209)	24	227000	2498	1.76	4.97e-08	265.5°/ 47.2°	441
8	CSX60S100 PRO (sy(177)	24	250100	2469	1.58	4.09e-08	265.5°/ 47.2°	490
9	CSX60S300 PRO (Ll(136)	3	1476000	14240	1.54	1.17e-09	75.4°/ 66.8°	402
10	CSX60S100 PRO (sy(193)	27	179600	1616	1.44	7.94e-08	26.5°/ 47.2°	458
11	CSX60S100 PRO (sy(154)	24	276200	2364	1.37	3.35e-08	265.9°/ 47.4°	550
12	CSX60S100 PRO (sy(161)	26	201600	1628	1.29	6.30e-08	26.5°/ 47.2°	506
13	CSX60S100 PRO (sy(138)	26	227000	1657	1.17	4.97e-08	26.1°/ 47.4°	564
14	CSX60S200 PRO (Ll(213)	4	494400	2212	0.72	1.05e-08	245.2°/ 64.7°	441
15	CSX60S200 PRO (Ll(181)	4	512500	1918	0.60	9.75e-09	245.2°/ 64.7°	491
16	CSX60S200 PRO (Ll(158)	4	632400	2317	0.59	6.40e-09	243.8°/ 65.9°	551
17	CSX60S200 PRO (Ll(173)	4	482500	1590	0.53	1.10e-08	65.2°/ 64.7°	507
18	CSX60S200 PRO (Ll(205)	4	382900	1222	0.51	1.75e-08	65.2°/ 64.7°	459
19	CSX60S200 PRO (Ll(134)	4	274500	817	0.48	3.40e-08	63.8°/ 65.9°	402
20	CSX60S200 PRO (Ll(197)	4	209300	367	0.28	5.85e-08	46.8°/ 64.7°	458

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(194)	117	146100	4654	5.10	1.20e-07	351.8°/ 56.2°	458
2	CSX60S100 PRO (sy(162)	123	161800	4910	4.85	9.77e-08	351.8°/ 56.2°	506
3	CSX60S100 PRO (sy(210)	58	155300	2808	2.89	1.06e-07	299.1°/ 52.7°	440
4	CSX60S100 PRO (sy(178)	59	172200	2823	2.62	8.63e-08	299.1°/ 52.7°	490
5	CSX60S100 PRO (sy(137)	49	189400	2183	1.84	7.13e-08	355.8°/ 50.4°	564
6	CSX60S100 PRO (sy(153)	40	198900	2034	1.64	6.47e-08	296.2°/ 50.4°	550
7	CSX60S100 PRO (sy(209)	21	234000	2354	1.61	4.68e-08	265.5°/ 47.2°	440
8	CSX60S100 PRO (sy(177)	23	256800	2416	1.51	3.88e-08	265.5°/ 47.2°	490
9	CSX60S100 PRO (sy(154)	23	282600	2409	1.36	3.21e-08	265.9°/ 47.4°	550
10	CSX60S100 PRO (sy(193)	23	182500	1453	1.27	7.68e-08	26.5°/ 47.2°	458
11	CSX60S100 PRO (sy(161)	24	204700	1536	1.20	6.11e-08	26.5°/ 47.2°	506
12	CSX60S100 PRO (sy(138)	26	230200	1676	1.16	4.83e-08	26.1°/ 47.4°	564
13	CSX60S200 PRO (Ll(213)	4	544700	2686	0.79	8.63e-09	245.2°/ 64.7°	441
14	CSX60S200 PRO (Ll(181)	4	551600	2223	0.64	8.41e-09	245.2°/ 64.7°	490
15	CSX60S200 PRO (Ll(158)	4	682200	2698	0.63	5.50e-09	243.8°/ 65.9°	551
16	CSX60S200 PRO (Ll(173)	4	511400	1787	0.56	9.79e-09	65.2°/ 64.7°	507
17	CSX60S200 PRO (Ll(205)	4	402000	1348	0.54	1.58e-08	65.2°/ 64.7°	459
18	CSX60S200 PRO (Ll(134)	4	284200	877	0.49	3.17e-08	63.8°/ 65.9°	402
19	CSX60S300 PRO (Ll(215)	4	212600	381	0.29	5.66e-08	264.6°/ 67.1°	441
20	CSX60S300 PRO (Ll(160)	4	325300	571	0.28	2.42e-08	255.4°/ 66.8°	551

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (Ll(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (Ll(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (Ll(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (Ll(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (Ll(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (Ll(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (Ll(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (Ll(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (Ll(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (Ll(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (Ll(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (Ll(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (Ll(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (Ll(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	CSX60S100 PRO (sy(178)	49	39720	2635	2.12	6.49e-08	299.1°/ 52.7°	534
2	CSX60S100 PRO (sy(177)	23	69130	3827	1.77	2.14e-08	265.5°/ 47.2°	534
3	CSX60S100 PRO (sy(154)	23	72660	3378	1.49	1.94e-08	265.9°/ 47.4°	593
4	CSX60S100 PRO (sy(153)	32	45270	1820	1.29	5.00e-08	296.2°/ 50.4°	593
5	CSX60S300 PRO (LL(160)	4	100100	1164	0.37	1.02e-08	255.4°/ 66.8°	593
6	CSX60S300 PRO (LL(215)	4	60490	634	0.34	2.80e-08	264.6°/ 67.1°	486
7	CSX60S300 PRO (LL(183)	4	63130	571	0.29	2.57e-08	264.6°/ 67.1°	534
8	CSX60S200 PRO (LL(179)	2	112100	931	0.27	8.15e-09	254.9°/ 56.2°	534
9	CSX60S300 PRO (LL(216)	4	42460	312	0.24	5.68e-08	279.2°/ 67.9°	486
10	CSX60S300 PRO (LL(184)	4	45570	298	0.21	4.93e-08	279.2°/ 67.9°	534
11	CSX60S300 PRO (LL(159)	4	53040	327	0.20	3.64e-08	274.8°/ 68.0°	593
12	CSX60S200 PRO (LL(182)	4	35170	190	0.17	8.28e-08	309.4°/ 62.9°	534
13	CSX60S200 PRO (LL(157)	4	41710	217	0.17	5.89e-08	297.0°/ 63.4°	593
14	CSX60S200 PRO (LL(156)	2	77620	363	0.15	1.70e-08	261.6°/ 56.8°	593
15	CSX60S200 PRO (LL(180)	2	42110	132	0.10	5.78e-08	288.6°/ 58.6°	534
16	CSX60S200 PRO (LL(155)	2	42140	107	0.08	5.77e-08	299.6°/ 57.6°	593
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S100 PRO (sy(194)	81	33160	3277	3.16	9.31e-08	351.8°/ 56.2°	516
2	CSX60S100 PRO (sy(162)	82	36090	3290	2.92	7.86e-08	351.8°/ 56.2°	562
3	CSX60S100 PRO (sy(209)	21	71420	4436	1.99	2.01e-08	265.5°/ 47.2°	486
4	CSX60S100 PRO (sy(177)	21	73590	3957	1.72	1.89e-08	265.5°/ 47.2°	535
5	CSX60S100 PRO (sy(154)	22	76370	3567	1.49	1.76e-08	265.9°/ 47.4°	593
6	CSX60S100 PRO (sy(210)	29	37330	1649	1.41	7.35e-08	299.1°/ 52.7°	486
7	CSX60S100 PRO (sy(178)	31	40460	1713	1.35	6.25e-08	299.1°/ 52.7°	534
8	CSX60S100 PRO (sy(193)	23	39780	1359	1.09	6.47e-08	26.5°/ 47.2°	516
9	CSX60S100 PRO (sy(161)	23	43880	1396	1.02	5.32e-08	26.5°/ 47.2°	562
10	CSX60S100 PRO (sy(153)	24	46110	1432	0.99	4.82e-08	296.2°/ 50.4°	593
11	CSX60S100 PRO (sy(137)	28	41510	1251	0.96	5.94e-08	355.8°/ 50.4°	617
12	CSX60S100 PRO (sy(138)	23	48660	1422	0.94	4.32e-08	26.1°/ 47.4°	617
13	CSX60S200 PRO (LL(171)	2	240800	3875	0.52	1.77e-09	74.9°/ 56.2°	563
14	CSX60S300 PRO (LL(136)	4	85530	1396	0.52	1.40e-08	75.4°/ 66.8°	463
15	CSX60S200 PRO (LL(211)	2	154800	2144	0.44	4.27e-09	254.9°/ 56.2°	486
16	CSX60S300 PRO (LL(160)	4	105700	1298	0.39	9.16e-09	255.4°/ 66.8°	594
17	CSX60S300 PRO (LL(215)	4	62720	680	0.35	2.60e-08	264.6°/ 67.1°	487
18	CSX60S200 PRO (LL(203)	2	136600	1477	0.35	5.49e-09	74.9°/ 56.2°	517
19	CSX60S200 PRO (LL(173)	4	76890	821	0.34	1.73e-08	65.2°/ 64.7°	563
20	CSX60S200 PRO (LL(205)	4	65060	696	0.34	2.42e-08	65.2°/ 64.7°	517

Anlage 7: Lichtimmissionen in der Nachbarschaft für Spielbetrieb (Raumaufhellung und Blendung) mit nur der Kampfbahn C in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	0 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	0.01 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	0 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	0.01 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	030 m	728 m	9.4 m	0 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	030 m	728 m	15.4 m	0 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.18 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.77 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.34 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.73 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.36 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	1.17 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.8 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	1.84 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0.66 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	1.63 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0.39 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0.97 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0.07 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0.35 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0.32 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	1.11 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	1.36 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	3.11 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.51 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	1.44 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.02 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	0.05 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0.01 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	0.02 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	0 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	0.01 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.02 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.32m / 589.71m / 19.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0

3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S100 PRO (sy(445)	80	30030	3273	3.49	1.14e-07	299.1°/ 52.7°	465
2	CSX60S100 PRO (sy(210)	80	30040	3276	3.49	1.13e-07	299.1°/ 52.7°	465
3	CSX60S100 PRO (sy(413)	79	33230	3249	3.13	9.27e-08	299.1°/ 52.7°	513
4	CSX60S100 PRO (sy(178)	79	33240	3248	3.13	9.27e-08	299.1°/ 52.7°	513
5	CSX60S100 PRO (sy(388)	62	37910	2668	2.25	7.13e-08	296.2°/ 50.4°	571
6	CSX60S100 PRO (sy(153)	62	37920	2669	2.25	7.12e-08	296.2°/ 50.4°	572
7	CSX60S100 PRO (sy(444)	27	35870	1550	1.38	7.96e-08	265.5°/ 47.2°	465
8	CSX60S100 PRO (sy(209)	27	35890	1551	1.38	7.95e-08	265.5°/ 47.2°	465
9	CSX60S100 PRO (sy(412)	25	40140	1521	1.21	6.35e-08	265.5°/ 47.2°	513
10	CSX60S100 PRO (sy(177)	26	40160	1523	1.21	6.35e-08	265.5°/ 47.2°	514
11	CSX60S200 PRO (LL(219)	2	342600	11400	1.06	8.72e-10	217.1°/ 56.2°	467
12	CSX60S100 PRO (sy(389)	25	45190	1501	1.06	5.01e-08	265.9°/ 47.4°	572
13	CSX60S100 PRO (sy(154)	25	45210	1501	1.06	5.01e-08	265.9°/ 47.4°	572
14	CSX60S200 PRO (LL(454)	2	333000	10770	1.03	9.23e-10	217.1°/ 56.2°	467
15	CSX60S300 PRO (LL(152)	4	119600	3431	0.92	7.16e-09	216.6°/ 66.8°	413
16	CSX60S300 PRO (LL(387)	4	118800	3392	0.91	7.25e-09	216.6°/ 66.8°	413
17	CSX60S200 PRO (LL(385)	4	50340	654	0.42	4.04e-08	228.2°/ 65.9°	413
18	CSX60S200 PRO (LL(150)	4	50410	655	0.42	4.03e-08	228.2°/ 65.9°	413
19	CSX60S200 PRO (LL(221)	4	48500	474	0.31	4.35e-08	236.8°/ 64.7°	467
20	CSX60S200 PRO (LL(456)	4	48460	473	0.31	4.36e-08	236.8°/ 64.7°	467

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy(445)	72	30320	3000	3.17	1.11e-07	299.1°/ 52.7°	465
2	CSX60S100 PRO (sy(210)	72	30330	2999	3.16	1.11e-07	299.1°/ 52.7°	465
3	CSX60S100 PRO (sy(413)	71	33530	2969	2.83	9.11e-08	299.1°/ 52.7°	513
4	CSX60S100 PRO (sy(178)	71	33540	2968	2.83	9.10e-08	299.1°/ 52.7°	513
5	CSX60S100 PRO (sy(388)	49	38250	2153	1.80	7.00e-08	296.2°/ 50.4°	571
6	CSX60S100 PRO (sy(153)	49	38260	2155	1.80	7.00e-08	296.2°/ 50.4°	572
7	CSX60S100 PRO (sy(444)	23	36440	1401	1.23	7.71e-08	265.5°/ 47.2°	465
8	CSX60S100 PRO (sy(209)	23	36450	1402	1.23	7.71e-08	265.5°/ 47.2°	465
9	CSX60S100 PRO (sy(177)	23	40750	1439	1.13	6.17e-08	265.5°/ 47.2°	514
10	CSX60S100 PRO (sy(412)	23	40730	1439	1.13	6.17e-08	265.5°/ 47.2°	513
11	CSX60S300 PRO (LL(152)	4	141800	4825	1.09	5.09e-09	216.6°/ 66.8°	413
12	CSX60S300 PRO (LL(387)	4	140600	4748	1.08	5.18e-09	216.6°/ 66.8°	413
13	CSX60S100 PRO (sy(389)	23	45800	1467	1.03	4.88e-08	265.9°/ 47.4°	572
14	CSX60S100 PRO (sy(154)	23	45820	1467	1.02	4.88e-08	265.9°/ 47.4°	572
15	CSX60S200 PRO (LL(454)	1	305400	5025	0.53	1.10e-09	217.1°/ 56.2°	467
16	CSX60S200 PRO (LL(219)	1	298800	4635	0.50	1.15e-09	217.1°/ 56.2°	467
17	CSX60S200 PRO (LL(385)	4	51720	690	0.43	3.83e-08	228.2°/ 65.9°	413
18	CSX60S200 PRO (LL(150)	4	51790	692	0.43	3.82e-08	228.2°/ 65.9°	413
19	CSX60S200 PRO (LL(221)	4	49380	491	0.32	4.20e-08	236.8°/ 64.7°	467
20	CSX60S200 PRO (LL(456)	4	49340	491	0.32	4.21e-08	236.8°/ 64.7°	467

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, lir(2103.00m / 679.50m / 22.20m)

1	CSX60S200 PRO (LL(432)	4	562500	75680	4.31	3.24e-10	46.8°/ 64.7°	429
2	CSX60S200 PRO (LL(197)	4	516600	63780	3.95	3.84e-10	46.8°/ 64.7°	429
3	CSX60S100 PRO (sy(429)	73	30050	3497	3.72	1.13e-07	351.8°/ 56.2°	429
4	CSX60S100 PRO (sy(194)	73	30060	3498	3.72	1.13e-07	351.8°/ 56.2°	429
5	CSX60S100 PRO (sy(397)	76	33370	3594	3.45	9.20e-08	351.8°/ 56.2°	479
6	CSX60S100 PRO (sy(162)	76	33380	3594	3.45	9.19e-08	351.8°/ 56.2°	479
7	CSX60S100 PRO (sy(445)	69	29240	2890	3.16	1.20e-07	299.1°/ 52.7°	448
8	CSX60S100 PRO (sy(210)	69	29250	2892	3.16	1.20e-07	299.1°/ 52.7°	448
9	CSX60S100 PRO (sy(178)	70	32440	2918	2.88	9.73e-08	299.1°/ 52.7°	496
10	CSX60S100 PRO (sy(413)	70	32430	2920	2.88	9.74e-08	299.1°/ 52.7°	496
11	CSX60S200 PRO (LL(454)	2	760600	56550	2.38	1.77e-10	217.1°/ 56.2°	449
12	CSX60S200 PRO (LL(219)	2	662900	41980	2.03	2.33e-10	217.1°/ 56.2°	450
13	CSX60S100 PRO (sy(193)	22	49360	2862	1.86	4.20e-08	26.5°/ 47.2°	429
14	CSX60S100 PRO (sy(428)	22	49370	2870	1.86	4.20e-08	26.5°/ 47.2°	429
15	CSX60S200 PRO (LL(377)	4	369300	20760	1.80	7.51e-10	48.2°/ 65.9°	537
16	CSX60S200 PRO (LL(142)	4	362300	19960	1.76	7.80e-10	48.2°/ 65.9°	537
17	CSX60S100 PRO (sy(388)	44	37110	1913	1.65	7.43e-08	296.2°/ 50.4°	554
18	CSX60S100 PRO (sy(153)	44	37120	1915	1.65	7.43e-08	296.2°/ 50.4°	554
19	CSX60S100 PRO (sy(161)	21	54000	2616	1.55	3.51e-08	26.5°/ 47.2°	479
20	CSX60S100 PRO (sy(396)	21	54000	2618	1.55	3.51e-08	26.5°/ 47.2°	479

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S100 PRO (sy(429)	115	27600	5374	6.23	1.34e-07	351.8°/ 56.2°	398
2	CSX60S100 PRO (sy(194)	115	27610	5377	6.23	1.34e-07	351.8°/ 56.2°	398
3	CSX60S100 PRO (sy(162)	114	30920	5307	5.49	1.07e-07	351.8°/ 56.2°	448
4	CSX60S100 PRO (sy(397)	114	30920	5304	5.49	1.07e-07	351.8°/ 56.2°	448
5	CSX60S100 PRO (sy(445)	83	26940	3345	3.97	1.41e-07	299.1°/ 52.7°	419
6	CSX60S100 PRO (sy(210)	83	26950	3345	3.97	1.41e-07	299.1°/ 52.7°	419
7	CSX60S100 PRO (sy(178)	81	30110	3289	3.50	1.13e-07	299.1°/ 52.7°	466
8	CSX60S100 PRO (sy(413)	81	30090	3286	3.49	1.13e-07	299.1°/ 52.7°	466
9	CSX60S100 PRO (sy(388)	64	34640	2715	2.51	8.53e-08	296.2°/ 50.4°	524
10	CSX60S100 PRO (sy(153)	64	34650	2713	2.51	8.53e-08	296.2°/ 50.4°	524
11	CSX60S200 PRO (LL(432)	4	262700	19150	2.33	1.48e-09	46.8°/ 64.7°	398
12	CSX60S200 PRO (LL(197)	4	256500	18230	2.27	1.56e-09	46.8°/ 64.7°	398
13	CSX60S100 PRO (sy(137)	48	36990	2511	2.17	7.49e-08	355.8°/ 50.4°	507
14	CSX60S100 PRO (sy(372)	48	36980	2510	2.17	7.49e-08	355.8°/ 50.4°	507
15	CSX60S100 PRO (sy(428)	23	44350	2816	2.03	5.21e-08	26.5°/ 47.2°	398
16	CSX60S100 PRO (sy(193)	23	44340	2810	2.03	5.21e-08	26.5°/ 47.2°	398
17	CSX60S100 PRO (sy(396)	23	49060	2743	1.79	4.25e-08	26.5°/ 47.2°	448
18	CSX60S100 PRO (sy(161)	23	49050	2740	1.79	4.26e-08	26.5°/ 47.2°	448
19	CSX60S100 PRO (sy(138)	23	54070	2597	1.54	3.50e-08	26.1°/ 47.4°	507
20	CSX60S100 PRO (sy(373)	23	54070	2596	1.54	3.50e-08	26.1°/ 47.4°	507

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, li(2077.50m / 697.00m / 22.10m)

1	CSX60S200 PRO (LL(377)	4	10120000	17530000	55.43	1.00e-12	48.2°/ 65.9°	507
2	CSX60S200 PRO (LL(142)	4	10120000	17520000	55.40	1.00e-12	48.2°/ 65.9°	507
3	CSX60S100 PRO (sy(194)	72	28030	3476	3.97	1.30e-07	351.8°/ 56.2°	398
4	CSX60S100 PRO (sy(429)	72	28020	3478	3.97	1.30e-07	351.8°/ 56.2°	398
5	CSX60S100 PRO (sy(397)	74	31330	3545	3.62	1.04e-07	351.8°/ 56.2°	448
6	CSX60S100 PRO (sy(162)	74	31340	3547	3.62	1.04e-07	351.8°/ 56.2°	448
7	CSX60S100 PRO (sy(445)	70	27310	2919	3.42	1.37e-07	299.1°/ 52.7°	419
8	CSX60S100 PRO (sy(210)	70	27320	2921	3.42	1.37e-07	299.1°/ 52.7°	419
9	CSX60S100 PRO (sy(413)	71	30470	2954	3.10	1.10e-07	299.1°/ 52.7°	466
10	CSX60S100 PRO (sy(178)	71	30480	2954	3.10	1.10e-07	299.1°/ 52.7°	466
11	CSX60S200 PRO (LL(400)	4	321400	22640	2.25	9.91e-10	46.8°/ 64.7°	448
12	CSX60S200 PRO (LL(165)	4	313300	21490	2.19	1.04e-09	46.8°/ 64.7°	448
13	CSX60S100 PRO (sy(428)	23	46620	3121	2.14	4.71e-08	26.5°/ 47.2°	398
14	CSX60S100 PRO (sy(193)	23	46610	3111	2.14	4.71e-08	26.5°/ 47.2°	398
15	CSX60S100 PRO (sy(388)	44	35060	1924	1.76	8.33e-08	296.2°/ 50.4°	524
16	CSX60S100 PRO (sy(153)	44	35070	1921	1.75	8.33e-08	296.2°/ 50.4°	524
17	CSX60S100 PRO (sy(396)	22	51200	2762	1.73	3.91e-08	26.5°/ 47.2°	448
18	CSX60S100 PRO (sy(161)	22	51190	2754	1.72	3.91e-08	26.5°/ 47.2°	448
19	CSX60S100 PRO (sy(137)	32	37550	1714	1.46	7.26e-08	355.8°/ 50.4°	507
20	CSX60S100 PRO (sy(372)	32	37550	1712	1.46	7.26e-08	355.8°/ 50.4°	507

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	CSX60S100 PRO (sy(429)	27	24070	3518	4.68	1.77e-07	351.8°/ 56.2°	207
2	CSX60S100 PRO (sy(194)	27	24030	3509	4.67	1.77e-07	351.8°/ 56.2°	207
3	CSX60S100 PRO (sy(178)	67	20560	2993	4.66	2.42e-07	299.1°/ 52.7°	303
4	CSX60S100 PRO (sy(413)	67	20560	2996	4.66	2.42e-07	299.1°/ 52.7°	303
5	CSX60S100 PRO (sy(162)	35	23480	3192	4.35	1.86e-07	351.8°/ 56.2°	244
6	CSX60S100 PRO (sy(397)	35	23500	3187	4.34	1.85e-07	351.8°/ 56.2°	244
7	CSX60S100 PRO (sy(153)	52	22990	2253	3.14	1.94e-07	296.2°/ 50.4°	345
8	CSX60S100 PRO (sy(388)	52	22990	2258	3.14	1.94e-07	296.2°/ 50.4°	345
9	CSX60S100 PRO (sy(137)	27	27720	2314	2.67	1.33e-07	355.8°/ 50.4°	293
10	CSX60S100 PRO (sy(372)	26	27730	2312	2.67	1.33e-07	355.8°/ 50.4°	293
11	CSX60S100 PRO (sy(420)	21	33790	2533	2.40	8.97e-08	206.5°/ 47.2°	304
12	CSX60S100 PRO (sy(185)	21	33830	2538	2.40	8.95e-08	206.5°/ 47.2°	304
13	CSX60S100 PRO (sy(177)	26	20570	1154	1.79	2.42e-07	265.5°/ 47.2°	304
14	CSX60S100 PRO (sy(412)	26	20570	1153	1.79	2.42e-07	265.5°/ 47.2°	304
15	CSX60S100 PRO (sy(389)	25	23700	1167	1.58	1.82e-07	265.9°/ 47.4°	345
16	CSX60S100 PRO (sy(154)	25	23710	1165	1.57	1.82e-07	265.9°/ 47.4°	345
17	CSX60S300 PRO (LL(403)	4	52040	1861	1.14	3.78e-08	12.8°/ 67.9°	244
18	CSX60S300 PRO (LL(168)	4	51730	1838	1.14	3.83e-08	12.8°/ 67.9°	244
19	CSX60S300 PRO (LL(378)	4	48900	1141	0.75	4.28e-08	17.2°/ 68.0°	293
20	CSX60S300 PRO (LL(143)	4	48770	1134	0.74	4.30e-08	17.2°/ 68.0°	293

I(p) IO 8 Carl-von-Ossietzky-Str. 11 OG (1846.55m / 848.55m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 8 Carl-von-Ossietzky-Str. 11 OG (1846.55m / 848.55m / 14.30m) **cd/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0

6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy(194)	144	10420	9270	28.45	9.42e-07	351.8°/ 56.2°	128
2	CSX60S100 PRO (sy(429)	143	10430	9247	28.37	9.41e-07	351.8°/ 56.2°	128
3	CSX60S100 PRO (sy(428)	36	36660	28360	24.75	7.62e-08	26.5°/ 47.2°	128
4	CSX60S100 PRO (sy(193)	35	36140	27380	24.24	7.84e-08	26.5°/ 47.2°	128
5	CSX60S100 PRO (sy(397)	158	13040	8752	21.48	6.02e-07	351.8°/ 56.2°	173
6	CSX60S100 PRO (sy(162)	158	13040	8753	21.48	6.02e-07	351.8°/ 56.2°	173
7	CSX60S100 PRO (sy(210)	135	12430	5891	15.17	6.63e-07	299.1°/ 52.7°	186
8	CSX60S100 PRO (sy(445)	134	12430	5865	15.10	6.63e-07	299.1°/ 52.7°	186
9	CSX60S100 PRO (sy(413)	131	14200	5332	12.02	5.08e-07	299.1°/ 52.7°	219
10	CSX60S100 PRO (sy(178)	131	14200	5335	12.02	5.08e-07	299.1°/ 52.7°	220
11	CSX60S300 PRO (LL(199)	8	68740	22980	10.70	2.17e-08	27.4°/ 67.1°	128
12	CSX60S100 PRO (sy(146)	52	12620	3114	7.90	6.43e-07	206.1°/ 47.4°	162
13	CSX60S100 PRO (sy(381)	52	12610	3114	7.90	6.43e-07	206.1°/ 47.4°	162
14	CSX60S100 PRO (sy(396)	27	27610	6702	7.77	1.34e-07	26.5°/ 47.2°	173
15	CSX60S100 PRO (sy(161)	27	27540	6672	7.75	1.35e-07	26.5°/ 47.2°	173
16	CSX60S100 PRO (sy(145)	31	20530	4830	7.53	2.43e-07	175.8°/ 50.4°	162
17	CSX60S100 PRO (sy(380)	31	20480	4806	7.51	2.44e-07	175.8°/ 50.4°	162
18	CSX60S300 PRO (LL(434)	6	64350	14860	7.39	2.47e-08	27.4°/ 67.1°	128
19	CSX60S100 PRO (sy(209)	65	12180	2735	7.18	6.90e-07	265.5°/ 47.2°	186
20	CSX60S100 PRO (sy(444)	65	12180	2734	7.18	6.90e-07	265.5°/ 47.2°	186

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 14.30m)**I cd/m²**

1	CSX60S100 PRO (sy(194)	51	10920	3621	10.61	8.58e-07	351.8°/ 56.2°	127
2	CSX60S100 PRO (sy(429)	50	10930	3614	10.58	8.57e-07	351.8°/ 56.2°	127
3	CSX60S100 PRO (sy(162)	65	13430	3825	9.11	5.67e-07	351.8°/ 56.2°	173
4	CSX60S100 PRO (sy(397)	64	13430	3814	9.09	5.68e-07	351.8°/ 56.2°	173
5	CSX60S100 PRO (sy(210)	66	12720	3052	7.68	6.33e-07	299.1°/ 52.7°	186
6	CSX60S100 PRO (sy(445)	66	12720	3051	7.67	6.32e-07	299.1°/ 52.7°	186
7	CSX60S100 PRO (sy(396)	21	34340	8132	7.58	8.68e-08	26.5°/ 47.2°	173
8	CSX60S100 PRO (sy(161)	21	34190	8047	7.53	8.76e-08	26.5°/ 47.2°	173
9	CSX60S100 PRO (sy(413)	72	14460	3070	6.79	4.90e-07	299.1°/ 52.7°	219
10	CSX60S100 PRO (sy(178)	72	14460	3064	6.78	4.90e-07	299.1°/ 52.7°	219
11	CSX60S100 PRO (sy(145)	23	23250	4703	6.47	1.89e-07	175.8°/ 50.4°	161
12	CSX60S100 PRO (sy(380)	23	23180	4656	6.43	1.91e-07	175.8°/ 50.4°	161
13	CSX60S100 PRO (sy(388)	59	17490	2492	4.56	3.35e-07	296.2°/ 50.4°	266
14	CSX60S100 PRO (sy(153)	59	17490	2489	4.55	3.35e-07	296.2°/ 50.4°	266
15	CSX60S100 PRO (sy(420)	23	29380	4063	4.43	1.19e-07	206.5°/ 47.2°	220
16	CSX60S100 PRO (sy(185)	23	29450	4081	4.43	1.18e-07	206.5°/ 47.2°	220
17	CSX60S100 PRO (sy(138)	22	32700	4371	4.28	9.58e-08	26.1°/ 47.4°	229
18	CSX60S100 PRO (sy(373)	22	32740	4372	4.27	9.56e-08	26.1°/ 47.4°	228
19	CSX60S100 PRO (sy(146)	26	13180	1685	4.09	5.90e-07	206.1°/ 47.4°	161
20	CSX60S100 PRO (sy(381)	26	13170	1679	4.08	5.90e-07	206.1°/ 47.4°	161

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **l/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LL(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LL(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LL(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LL(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LL(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LL(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LL(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LL(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LL(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LL(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LL(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LL(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LL(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LL(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy(194)	113	9361	8224	28.11	1.17e-06	351.8°/ 56.2°	108
2	CSX60S100 PRO (sy(429)	112	9370	8216	28.06	1.17e-06	351.8°/ 56.2°	108
3	CSX60S100 PRO (sy(162)	142	11690	8194	22.43	7.49e-07	351.8°/ 56.2°	152
4	CSX60S100 PRO (sy(397)	141	11690	8196	22.43	7.49e-07	351.8°/ 56.2°	152
5	CSX60S100 PRO (sy(210)	109	11790	5007	13.59	7.36e-07	299.1°/ 52.7°	172
6	CSX60S100 PRO (sy(445)	108	11800	5002	13.57	7.36e-07	299.1°/ 52.7°	172
7	CSX60S100 PRO (sy(413)	110	13230	4619	11.17	5.85e-07	299.1°/ 52.7°	202
8	CSX60S100 PRO (sy(178)	110	13230	4605	11.14	5.85e-07	299.1°/ 52.7°	202
9	CSX60S100 PRO (sy(396)	27	27520	8603	10.00	1.35e-07	26.5°/ 47.2°	152
10	CSX60S100 PRO (sy(161)	27	27410	8475	9.89	1.36e-07	26.5°/ 47.2°	152
11	CSX60S100 PRO (sy(146)	54	11320	2865	8.10	7.99e-07	206.1°/ 47.4°	153
12	CSX60S100 PRO (sy(381)	54	11330	2862	8.09	7.98e-07	206.1°/ 47.4°	153
13	CSX60S100 PRO (sy(145)	37	16180	3977	7.86	3.91e-07	175.8°/ 50.4°	153
14	CSX60S100 PRO (sy(380)	37	16170	3972	7.86	3.92e-07	175.8°/ 50.4°	153
15	CSX60S100 PRO (sy(444)	63	11230	2647	7.54	8.11e-07	265.5°/ 47.2°	172
16	CSX60S100 PRO (sy(209)	63	11230	2647	7.54	8.11e-07	265.5°/ 47.2°	172
17	CSX60S100 PRO (sy(372)	55	16110	3256	6.47	3.94e-07	355.8°/ 50.4°	207
18	CSX60S100 PRO (sy(137)	55	16120	3259	6.47	3.94e-07	355.8°/ 50.4°	207
19	CSX60S100 PRO (sy(153)	77	16010	3143	6.28	4.00e-07	296.2°/ 50.4°	247
20	CSX60S100 PRO (sy(388)	77	16000	3142	6.28	4.00e-07	296.2°/ 50.4°	247

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy(429)	61	9653	4765	15.80	1.10e-06	351.8°/ 56.2°	108
2	CSX60S100 PRO (sy(194)	61	9642	4751	15.77	1.10e-06	351.8°/ 56.2°	108
3	CSX60S100 PRO (sy(162)	89	11890	5352	14.41	7.24e-07	351.8°/ 56.2°	152
4	CSX60S100 PRO (sy(397)	89	11890	5353	14.41	7.24e-07	351.8°/ 56.2°	151
5	CSX60S100 PRO (sy(396)	23	31990	10030	10.03	1.00e-07	26.5°/ 47.2°	152
6	CSX60S100 PRO (sy(161)	23	31800	9870	9.93	1.01e-07	26.5°/ 47.2°	152
7	CSX60S100 PRO (sy(445)	72	11950	3439	9.21	7.17e-07	299.1°/ 52.7°	171
8	CSX60S100 PRO (sy(210)	72	11940	3437	9.21	7.18e-07	299.1°/ 52.7°	171
9	CSX60S100 PRO (sy(178)	79	13360	3402	8.15	5.74e-07	299.1°/ 52.7°	202
10	CSX60S100 PRO (sy(413)	79	13360	3398	8.14	5.74e-07	299.1°/ 52.7°	202
11	CSX60S100 PRO (sy(380)	28	16830	3322	6.32	3.62e-07	175.8°/ 50.4°	153
12	CSX60S100 PRO (sy(145)	28	16850	3320	6.30	3.61e-07	175.8°/ 50.4°	153
13	CSX60S100 PRO (sy(388)	69	16140	2886	5.72	3.93e-07	296.2°/ 50.4°	247
14	CSX60S100 PRO (sy(153)	69	16140	2880	5.71	3.93e-07	296.2°/ 50.4°	247
15	CSX60S100 PRO (sy(381)	34	11540	1911	5.30	7.68e-07	206.1°/ 47.4°	153
16	CSX60S100 PRO (sy(146)	34	11540	1910	5.30	7.69e-07	206.1°/ 47.4°	153
17	CSX60S100 PRO (sy(137)	43	16370	2658	5.20	3.82e-07	355.8°/ 50.4°	207
18	CSX60S100 PRO (sy(372)	43	16360	2655	5.19	3.82e-07	355.8°/ 50.4°	207
19	CSX60S100 PRO (sy(373)	24	29540	4721	5.11	1.17e-07	26.1°/ 47.4°	207
20	CSX60S100 PRO (sy(138)	24	29500	4700	5.10	1.18e-07	26.1°/ 47.4°	207

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy(445)	109	11570	5649	15.62	7.65e-07	299.1°/ 52.7°	159
2	CSX60S100 PRO (sy(210)	109	11560	5636	15.60	7.67e-07	299.1°/ 52.7°	159
3	CSX60S100 PRO (sy(413)	117	12270	5122	13.35	6.80e-07	299.1°/ 52.7°	183
4	CSX60S100 PRO (sy(178)	117	12270	5118	13.35	6.80e-07	299.1°/ 52.7°	183
5	CSX60S100 PRO (sy(145)	57	13080	4193	10.26	5.98e-07	175.8°/ 50.4°	151
6	CSX60S100 PRO (sy(380)	57	13080	4188	10.24	5.98e-07	175.8°/ 50.4°	151
7	CSX60S100 PRO (sy(218)	29	27220	8128	9.56	1.38e-07	171.8°/ 56.2°	159
8	CSX60S100 PRO (sy(453)	29	27080	8054	9.52	1.40e-07	171.8°/ 56.2°	160
9	CSX60S100 PRO (sy(146)	61	10410	2852	8.77	9.46e-07	206.1°/ 47.4°	150
10	CSX60S100 PRO (sy(381)	61	10410	2851	8.76	9.45e-07	206.1°/ 47.4°	150
11	CSX60S100 PRO (sy(209)	66	10420	2779	8.54	9.44e-07	265.5°/ 47.2°	159
12	CSX60S100 PRO (sy(444)	66	10420	2773	8.51	9.43e-07	265.5°/ 47.2°	159
13	CSX60S100 PRO (sy(452)	46	12750	2879	7.23	6.30e-07	206.5°/ 47.2°	159
14	CSX60S100 PRO (sy(217)	46	12760	2865	7.19	6.29e-07	206.5°/ 47.2°	159
15	CSX60S100 PRO (sy(412)	61	12020	2570	6.84	7.09e-07	265.5°/ 47.2°	183
16	CSX60S200 PRO (LL(385)	19	8967	656	2.34	1.27e-06	228.2°/ 65.9°	150
17	CSX60S200 PRO (LL(150)	19	8959	655	2.34	1.28e-06	228.2°/ 65.9°	150
18	CSX60S200 PRO (LL(149)	4	12580	307	0.78	6.47e-07	175.0°/ 63.4°	151
19	CSX60S200 PRO (LL(384)	4	12580	306	0.78	6.47e-07	175.0°/ 63.4°	151
20	CSX60S300 PRO (LL(459)	4	13970	313	0.72	5.25e-07	192.8°/ 67.9°	160

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy(396)	26	106500	184600	55.46	9.03e-09	26.5°/ 47.2°	125
2	CSX60S100 PRO (sy(161)	26	93930	143300	48.82	1.16e-08	26.5°/ 47.2°	125
3	CSX60S100 PRO (sy(162)	78	10420	5329	16.36	9.43e-07	351.8°/ 56.2°	125
4	CSX60S100 PRO (sy(397)	78	10430	5323	16.34	9.42e-07	351.8°/ 56.2°	125
5	CSX60S100 PRO (sy(429)	36	9663	4550	15.07	1.10e-06	351.8°/ 56.2°	85
6	CSX60S100 PRO (sy(194)	36	9623	4528	15.06	1.11e-06	351.8°/ 56.2°	85
7	CSX60S100 PRO (sy(210)	65	11740	3510	9.57	7.43e-07	299.1°/ 52.7°	158
8	CSX60S100 PRO (sy(445)	65	11750	3500	9.53	7.41e-07	299.1°/ 52.7°	158
9	CSX60S100 PRO (sy(218)	24	30030	8425	8.98	1.14e-07	171.8°/ 56.2°	159
10	CSX60S100 PRO (sy(453)	24	29840	8372	8.98	1.15e-07	171.8°/ 56.2°	159
11	CSX60S100 PRO (sy(413)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183
12	CSX60S100 PRO (sy(178)	77	12410	3455	8.91	6.65e-07	299.1°/ 52.7°	183
13	CSX60S100 PRO (sy(145)	37	13430	2869	6.84	5.68e-07	175.8°/ 50.4°	150
14	CSX60S100 PRO (sy(380)	37	13430	2855	6.80	5.68e-07	175.8°/ 50.4°	150
15	CSX60S100 PRO (sy(373)	23	28700	5961	6.65	1.24e-07	26.1°/ 47.4°	178
16	CSX60S100 PRO (sy(138)	23	28630	5923	6.62	1.25e-07	26.1°/ 47.4°	178
17	CSX60S100 PRO (sy(388)	69	14690	2897	6.31	4.74e-07	296.2°/ 50.4°	223
18	CSX60S100 PRO (sy(153)	68	14690	2893	6.30	4.74e-07	296.2°/ 50.4°	223
19	CSX60S100 PRO (sy(372)	43	14480	2812	6.22	4.89e-07	355.8°/ 50.4°	178
20	CSX60S100 PRO (sy(137)	43	14480	2808	6.21	4.89e-07	355.8°/ 50.4°	178

I(p) IO 13 Schwarzkehlchenweg 28 E((1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LL(399)	78	21440	53920	80.47	2.23e-07	3.4°/ 58.6°	81
2	CSX60S200 PRO (LL(164)	79	20860	51440	78.89	2.35e-07	3.4°/ 58.6°	81
3	CSX60S100 PRO (sy(397)	55	9892	8081	26.14	1.05e-06	351.8°/ 56.2°	81
4	CSX60S100 PRO (sy(162)	55	9836	8028	26.12	1.06e-06	351.8°/ 56.2°	81
5	CSX60S100 PRO (sy(373)	32	35640	25850	23.21	8.06e-08	26.1°/ 47.4°	125
6	CSX60S100 PRO (sy(138)	32	35110	24920	22.71	8.30e-08	26.1°/ 47.4°	125
7	CSX60S100 PRO (sy(129)	48	10060	5856	18.63	1.01e-06	116.2°/ 50.4°	90
8	CSX60S100 PRO (sy(364)	48	10080	5841	18.54	1.01e-06	116.2°/ 50.4°	90
9	CSX60S100 PRO (sy(178)	105	11720	5757	15.72	7.46e-07	299.1°/ 52.7°	157
10	CSX60S100 PRO (sy(413)	105	11730	5749	15.68	7.44e-07	299.1°/ 52.7°	157
11	CSX60S100 PRO (sy(453)	80	13240	6162	14.89	5.84e-07	171.8°/ 56.2°	149
12	CSX60S100 PRO (sy(218)	80	13240	6144	14.85	5.84e-07	171.8°/ 56.2°	149
13	CSX60S100 PRO (sy(137)	62	10980	4708	13.72	8.49e-07	355.8°/ 50.4°	125
14	CSX60S100 PRO (sy(372)	62	10990	4699	13.69	8.48e-07	355.8°/ 50.4°	125
15	CSX60S100 PRO (sy(210)	55	13900	4684	10.78	5.30e-07	299.1°/ 52.7°	149
16	CSX60S100 PRO (sy(445)	55	13930	4680	10.75	5.28e-07	299.1°/ 52.7°	149
17	CSX60S200 PRO (LL(131)	30	9212	3064	10.64	1.21e-06	119.6°/ 57.6°	90
18	CSX60S200 PRO (LL(366)	29	9233	2991	10.37	1.20e-06	119.6°/ 57.6°	90
19	CSX60S100 PRO (sy(145)	75	11600	3733	10.30	7.61e-07	175.8°/ 50.4°	163
20	CSX60S100 PRO (sy(380)	75	11610	3730	10.28	7.59e-07	175.8°/ 50.4°	163

I(p) IO 13 Schwarzkehlchenweg 28 O((1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S200 PRO (LL(399)	17	50850	67130	42.25	3.96e-08	3.4°/ 58.6°	80
2	CSX60S100 PRO (sy(373)	26	79110	102800	41.58	1.64e-08	26.1°/ 47.4°	124
3	CSX60S100 PRO (sy(138)	26	73480	88370	38.48	1.90e-08	26.1°/ 47.4°	124
4	CSX60S200 PRO (LL(164)	14	44180	42350	30.68	5.25e-08	3.4°/ 58.6°	80
5	CSX60S100 PRO (sy(162)	32	10770	5614	16.69	8.83e-07	351.8°/ 56.2°	80
6	CSX60S100 PRO (sy(397)	31	10840	5652	16.68	8.71e-07	351.8°/ 56.2°	80
7	CSX60S100 PRO (sy(129)	31	10870	4430	13.04	8.67e-07	116.2°/ 50.4°	89
8	CSX60S100 PRO (sy(364)	31	10890	4419	12.98	8.63e-07	116.2°/ 50.4°	89
9	CSX60S100 PRO (sy(453)	53	13560	4289	10.12	5.57e-07	171.8°/ 56.2°	149
10	CSX60S100 PRO (sy(218)	53	13560	4277	10.09	5.57e-07	171.8°/ 56.2°	149
11	CSX60S100 PRO (sy(178)	61	11910	3466	9.31	7.21e-07	299.1°/ 52.7°	156
12	CSX60S100 PRO (sy(413)	61	11930	3467	9.30	7.20e-07	299.1°/ 52.7°	156
13	CSX60S100 PRO (sy(372)	40	11340	3234	9.12	7.96e-07	355.8°/ 50.4°	124
14	CSX60S100 PRO (sy(137)	40	11340	3226	9.11	7.97e-07	355.8°/ 50.4°	124
15	CSX60S100 PRO (sy(186)	26	23890	5828	7.81	1.79e-07	171.8°/ 56.2°	157
16	CSX60S100 PRO (sy(421)	26	23800	5765	7.75	1.81e-07	171.8°/ 56.2°	157
17	CSX60S100 PRO (sy(145)	56	11780	2853	7.75	7.38e-07	175.8°/ 50.4°	162
18	CSX60S100 PRO (sy(380)	56	11790	2855	7.75	7.36e-07	175.8°/ 50.4°	163
19	CSX60S100 PRO (sy(210)	38	14310	3425	7.66	5.00e-07	299.1°/ 52.7°	149
20	CSX60S100 PRO (sy(445)	38	14350	3431	7.65	4.97e-07	299.1°/ 52.7°	149

I(p) IO 14 Schwarzkehlchenweg 30 E((1699.30m / 952.79m / 2.90m)²

1	CSX60S200 PRO (LL(409)	31	62760	259400	132.25	2.60e-08	129.4°/ 62.9°	67
2	CSX60S200 PRO (LL(174)	26	50220	143400	91.37	4.06e-08	129.4°/ 62.9°	67
3	CSX60S300 PRO (LL(208)	44	43620	100700	73.88	5.38e-08	99.2°/ 67.9°	90
4	CSX60S300 PRO (LL(443)	43	43180	97030	71.92	5.49e-08	99.2°/ 67.9°	90
5	CSX60S200 PRO (LL(374)	75	10060	11530	36.67	1.01e-06	352.4°/ 57.6°	80
6	CSX60S200 PRO (LL(139)	75	10000	11400	36.48	1.02e-06	352.4°/ 57.6°	80
7	CSX60S200 PRO (LL(367)	34	61120	64030	33.52	2.74e-08	81.6°/ 56.8°	138
8	CSX60S200 PRO (LL(132)	34	60570	63270	33.43	2.79e-08	81.6°/ 56.8°	138
9	CSX60S100 PRO (sy(218)	234	11430	11360	31.79	7.83e-07	171.8°/ 56.2°	162
10	CSX60S100 PRO (sy(453)	234	11450	11360	31.76	7.82e-07	171.8°/ 56.2°	162
11	CSX60S100 PRO (sy(202)	88	8848	8326	30.11	1.31e-06	120.2°/ 56.2°	90
12	CSX60S100 PRO (sy(437)	87	8869	8304	29.96	1.30e-06	120.2°/ 56.2°	90
13	CSX60S100 PRO (sy(372)	51	11150	9503	27.26	8.23e-07	355.8°/ 50.4°	80
14	CSX60S100 PRO (sy(137)	51	11080	9388	27.12	8.34e-07	355.8°/ 50.4°	80
15	CSX60S200 PRO (LL(204)	56	12340	10290	26.68	6.72e-07	108.6°/ 58.6°	90
16	CSX60S200 PRO (LL(439)	56	12370	10250	26.52	6.70e-07	108.6°/ 58.6°	90
17	CSX60S100 PRO (sy(421)	108	12670	7461	18.84	6.38e-07	171.8°/ 56.2°	151
18	CSX60S100 PRO (sy(186)	108	12670	7454	18.83	6.38e-07	171.8°/ 56.2°	151
19	CSX60S100 PRO (sy(129)	71	11610	4963	13.68	7.60e-07	116.2°/ 50.4°	138
20	CSX60S100 PRO (sy(364)	71	11630	4953	13.62	7.57e-07	116.2°/ 50.4°	138

I(p) IO 14 Schwarzkehlchenweg 30 O((1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(218)	149	11580	7452	20.60	7.64e-07	171.8°/ 56.2°	162
2	CSX60S100 PRO (sy(453)	149	11590	7457	20.59	7.63e-07	171.8°/ 56.2°	162
3	CSX60S100 PRO (sy(372)	29	12930	7482	18.52	6.13e-07	355.8°/ 50.4°	80
4	CSX60S100 PRO (sy(137)	29	12810	7363	18.40	6.24e-07	355.8°/ 50.4°	80
5	CSX60S100 PRO (sy(202)	46	9273	4860	16.77	1.19e-06	120.2°/ 56.2°	89
6	CSX60S100 PRO (sy(437)	46	9293	4855	16.72	1.19e-06	120.2°/ 56.2°	89
7	CSX60S100 PRO (sy(130)	24	32800	13330	13.01	9.52e-08	85.9°/ 47.4°	137
8	CSX60S100 PRO (sy(365)	24	32910	13360	12.99	9.45e-08	85.9°/ 47.4°	138
9	CSX60S200 PRO (LL(132)	8	97910	38760	12.67	1.07e-08	81.6°/ 56.8°	138
10	CSX60S200 PRO (LL(367)	8	96560	36880	12.22	1.10e-08	81.6°/ 56.8°	138
11	CSX60S100 PRO (sy(421)	67	12930	4848	12.00	6.13e-07	171.8°/ 56.2°	151
12	CSX60S100 PRO (sy(186)	67	12930	4837	11.97	6.13e-07	171.8°/ 56.2°	150
13	CSX60S100 PRO (sy(445)	23	35700	11070	9.92	8.04e-08	299.1°/ 52.7°	162
14	CSX60S100 PRO (sy(210)	23	35470	10960	9.89	8.14e-08	299.1°/ 52.7°	162
15	CSX60S300 PRO (LL(443)	5	50300	15260	9.71	4.05e-08	99.2°/ 67.9°	90
16	CSX60S300 PRO (LL(208)	5	49150	13870	9.03	4.24e-08	99.2°/ 67.9°	89
17	CSX60S100 PRO (sy(129)	43	11920	3144	8.44	7.21e-07	116.2°/ 50.4°	137
18	CSX60S100 PRO (sy(364)	43	11940	3140	8.42	7.18e-07	116.2°/ 50.4°	138
19	CSX60S100 PRO (sy(153)	53	11810	2949	7.99	7.34e-07	296.2°/ 50.4°	157
20	CSX60S100 PRO (sy(388)	53	11830	2949	7.98	7.32e-07	296.2°/ 50.4°	157

I(p) IO 15 Schwarzkehlchenweg 44 E((1658.55m / 980.45m / 2.60m)²

1	CSX60S300 PRO (LL(176)	38	138300	868500	200.94	5.35e-09	99.2°/ 67.9°	90
2	CSX60S300 PRO (LL(411)	38	122300	680800	178.19	6.85e-09	99.2°/ 67.9°	90
3	CSX60S100 PRO (sy(218)	701	12220	29310	76.75	6.86e-07	171.8°/ 56.2°	187
4	CSX60S100 PRO (sy(453)	702	12230	29340	76.74	6.84e-07	171.8°/ 56.2°	187
5	CSX60S200 PRO (LL(172)	65	12770	12740	31.93	6.28e-07	108.6°/ 58.6°	90
6	CSX60S100 PRO (sy(186)	234	11500	11440	31.83	7.74e-07	171.8°/ 56.2°	163
7	CSX60S100 PRO (sy(421)	234	11510	11420	31.74	7.72e-07	171.8°/ 56.2°	163
8	CSX60S200 PRO (LL(407)	64	12790	12570	31.45	6.26e-07	108.6°/ 58.6°	90
9	CSX60S100 PRO (sy(170)	85	8992	8331	29.65	1.27e-06	120.2°/ 56.2°	90
10	CSX60S100 PRO (sy(405)	85	9013	8311	29.51	1.26e-06	120.2°/ 56.2°	90
11	CSX60S100 PRO (sy(202)	152	10240	9388	29.34	9.77e-07	120.2°/ 56.2°	129
12	CSX60S100 PRO (sy(437)	152	10260	9373	29.24	9.73e-07	120.2°/ 56.2°	129
13	CSX60S100 PRO (sy(201)	34	28350	15840	17.88	1.27e-07	85.5°/ 47.2°	129
14	CSX60S100 PRO (sy(436)	33	28460	15860	17.84	1.26e-07	85.5°/ 47.2°	129
15	CSX60S300 PRO (LL(207)	12	48510	16780	11.07	4.35e-08	84.6°/ 67.1°	129
16	CSX60S300 PRO (LL(442)	12	48820	16690	10.94	4.30e-08	84.6°/ 67.1°	129
17	CSX60S100 PRO (sy(413)	29	30040	9524	10.15	1.13e-07	299.1°/ 52.7°	163
18	CSX60S100 PRO (sy(178)	29	29890	9454	10.12	1.15e-07	299.1°/ 52.7°	163
19	CSX60S100 PRO (sy(153)	55	13410	4236	10.11	5.70e-07	296.2°/ 50.4°	151
20	CSX60S100 PRO (sy(388)	55	13430	4239	10.10	5.67e-07	296.2°/ 50.4°	151

I(p) IO 15 Schwarzkehlchenweg 44 O((1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(218)	300	12330	12820	33.27	6.73e-07	171.8°/ 56.2°	186
2	CSX60S100 PRO (sy(453)	301	12350	12830	33.25	6.72e-07	171.8°/ 56.2°	187
3	CSX60S100 PRO (sy(421)	151	11660	7577	20.80	7.54e-07	171.8°/ 56.2°	162
4	CSX60S100 PRO (sy(186)	150	11650	7562	20.78	7.55e-07	171.8°/ 56.2°	162
5	CSX60S100 PRO (sy(436)	26	38550	22630	18.78	6.89e-08	85.5°/ 47.2°	129
6	CSX60S100 PRO (sy(201)	26	38380	22530	18.78	6.95e-08	85.5°/ 47.2°	128
7	CSX60S100 PRO (sy(202)	93	10440	5993	18.36	9.39e-07	120.2°/ 56.2°	128
8	CSX60S100 PRO (sy(437)	92	10470	5986	18.30	9.35e-07	120.2°/ 56.2°	129
9	CSX60S100 PRO (sy(170)	45	9439	4903	16.62	1.15e-06	120.2°/ 56.2°	89
10	CSX60S100 PRO (sy(405)	45	9459	4897	16.57	1.14e-06	120.2°/ 56.2°	89
11	CSX60S300 PRO (LL(442)	5	101600	31230	9.84	9.93e-09	84.6°/ 67.1°	129
12	CSX60S300 PRO (LL(207)	5	99710	30180	9.69	1.03e-08	84.6°/ 67.1°	129
13	CSX60S100 PRO (sy(413)	24	34060	10280	9.66	8.83e-08	299.1°/ 52.7°	163
14	CSX60S100 PRO (sy(178)	24	33860	10210	9.65	8.93e-08	299.1°/ 52.7°	162
15	CSX60S100 PRO (sy(153)	39	13780	3208	7.45	5.40e-07	296.2°/ 50.4°	150
16	CSX60S100 PRO (sy(388)	39	13810	3204	7.43	5.37e-07	296.2°/ 50.4°	150
17	CSX60S100 PRO (sy(154)	44	10670	2157	6.47	8.99e-07	265.9°/ 47.4°	150
18	CSX60S100 PRO (sy(389)	44	10690	2149	6.44	8.97e-07	265.9°/ 47.4°	150
19	CSX60S100 PRO (sy(145)	71	14890	2976	6.40	4.62e-07	175.8°/ 50.4°	227
20	CSX60S100 PRO (sy(380)	71	14900	2976	6.39	4.61e-07	175.8°/ 50.4°	228

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy(437)	897	15240	36390	76.42	4.41e-07	120.2°/ 56.2°	236
2	CSX60S100 PRO (sy(202)	894	15240	36260	76.14	4.41e-07	120.2°/ 56.2°	236
3	CSX60S100 PRO (sy(405)	412	13790	18160	42.13	5.38e-07	120.2°/ 56.2°	205
4	CSX60S100 PRO (sy(170)	409	13800	18040	41.84	5.38e-07	120.2°/ 56.2°	205
5	CSX60S100 PRO (sy(421)	88	12840	7044	17.56	6.21e-07	171.8°/ 56.2°	142
6	CSX60S100 PRO (sy(186)	87	12850	7017	17.47	6.20e-07	171.8°/ 56.2°	142
7	CSX60S100 PRO (sy(372)	33	21750	4572	6.73	2.16e-07	355.8°/ 50.4°	182
8	CSX60S100 PRO (sy(137)	33	21720	4554	6.71	2.17e-07	355.8°/ 50.4°	182
9	CSX60S100 PRO (sy(373)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
10	CSX60S100 PRO (sy(138)	50	13940	2894	6.64	5.27e-07	26.1°/ 47.4°	181
11	CSX60S100 PRO (sy(169)	64	13440	2655	6.32	5.67e-07	85.5°/ 47.2°	206
12	CSX60S100 PRO (sy(404)	64	13440	2654	6.32	5.67e-07	85.5°/ 47.2°	206
13	CSX60S300 PRO (LL(427)	13	25780	4232	5.25	1.54e-07	192.8°/ 67.9°	141
14	CSX60S100 PRO (sy(396)	37	18930	3072	5.19	2.86e-07	26.5°/ 47.2°	206
15	CSX60S100 PRO (sy(161)	37	18910	3063	5.18	2.86e-07	26.5°/ 47.2°	206
16	CSX60S100 PRO (sy(436)	57	15710	2460	5.01	4.15e-07	85.5°/ 47.2°	237
17	CSX60S100 PRO (sy(201)	57	15700	2456	5.00	4.15e-07	85.5°/ 47.2°	237
18	CSX60S300 PRO (LL(192)	12	25970	3982	4.91	1.52e-07	192.8°/ 67.9°	141
19	CSX60S100 PRO (sy(428)	29	26440	3540	4.28	1.46e-07	26.5°/ 47.2°	237
20	CSX60S100 PRO (sy(193)	29	26400	3526	4.27	1.47e-07	26.5°/ 47.2°	237

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(217)	22	137700	120500	28.00	5.40e-09	206.5°/ 47.2°	183
2	CSX60S100 PRO (sy(452)	22	128400	105200	26.21	6.21e-09	206.5°/ 47.2°	183
3	CSX60S100 PRO (sy(437)	129	15480	5398	11.16	4.28e-07	120.2°/ 56.2°	236
4	CSX60S100 PRO (sy(202)	129	15480	5396	11.16	4.27e-07	120.2°/ 56.2°	236
5	CSX60S100 PRO (sy(405)	101	14060	4645	10.57	5.18e-07	120.2°/ 56.2°	205
6	CSX60S100 PRO (sy(170)	101	14070	4640	10.56	5.18e-07	120.2°/ 56.2°	205
7	CSX60S100 PRO (sy(421)	38	13560	3416	8.06	5.57e-07	171.8°/ 56.2°	141
8	CSX60S100 PRO (sy(186)	38	13580	3413	8.04	5.55e-07	171.8°/ 56.2°	141
9	CSX60S100 PRO (sy(218)	54	15260	3694	7.74	4.39e-07	171.8°/ 56.2°	183
10	CSX60S100 PRO (sy(453)	54	15260	3688	7.73	4.40e-07	171.8°/ 56.2°	183
11	CSX60S100 PRO (sy(381)	23	42320	7317	5.53	5.72e-08	206.1°/ 47.4°	235
12	CSX60S100 PRO (sy(146)	23	42420	7334	5.53	5.69e-08	206.1°/ 47.4°	235
13	CSX60S100 PRO (sy(372)	23	23940	3996	5.34	1.79e-07	355.8°/ 50.4°	181
14	CSX60S100 PRO (sy(137)	23	23890	3979	5.33	1.79e-07	355.8°/ 50.4°	181
15	CSX60S100 PRO (sy(129)	60	18340	2560	4.47	3.04e-07	116.2°/ 50.4°	278
16	CSX60S100 PRO (sy(364)	60	18350	2564	4.47	3.04e-07	116.2°/ 50.4°	278
17	CSX60S100 PRO (sy(145)	35	19580	2400	3.92	2.67e-07	175.8°/ 50.4°	235
18	CSX60S100 PRO (sy(380)	35	19580	2395	3.91	2.67e-07	175.8°/ 50.4°	235
19	CSX60S100 PRO (sy(428)	23	28250	3253	3.68	1.28e-07	26.5°/ 47.2°	237
20	CSX60S100 PRO (sy(193)	23	28200	3243	3.68	1.29e-07	26.5°/ 47.2°	237

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy(381)	30	299600	174200	55.82	1.03e-08	206.1°/ 47.4°	130
2	CSX60S100 PRO (sy(146)	27	270200	128100	45.52	1.26e-08	206.1°/ 47.4°	130
3	CSX60S100 PRO (sy(453)	52	39210	10510	25.73	5.99e-07	171.8°/ 56.2°	91
4	CSX60S100 PRO (sy(218)	51	39500	10560	25.66	5.91e-07	171.8°/ 56.2°	91
5	CSX60S100 PRO (sy(437)	172	37920	9447	23.92	6.41e-07	120.2°/ 56.2°	169
6	CSX60S100 PRO (sy(202)	171	37960	9417	23.81	6.40e-07	120.2°/ 56.2°	169
7	CSX60S100 PRO (sy(388)	45	36270	6600	17.47	7.00e-07	296.2°/ 50.4°	99
8	CSX60S100 PRO (sy(153)	45	36330	6583	17.39	6.98e-07	296.2°/ 50.4°	99
9	CSX60S200 PRO (LL(390)	47	32990	5703	16.60	8.47e-07	299.6°/ 57.6°	99
10	CSX60S200 PRO (LL(155)	47	33040	5637	16.38	8.44e-07	299.6°/ 57.6°	99
11	CSX60S100 PRO (sy(162)	87	42770	6641	14.91	5.04e-07	351.8°/ 56.2°	162
12	CSX60S100 PRO (sy(397)	87	42770	6619	14.86	5.04e-07	351.8°/ 56.2°	161
13	CSX60S100 PRO (sy(380)	61	36170	5131	13.62	7.04e-07	175.8°/ 50.4°	129
14	CSX60S100 PRO (sy(145)	60	36210	5125	13.59	7.03e-07	175.8°/ 50.4°	129
15	CSX60S100 PRO (sy(405)	71	45190	6021	12.79	4.51e-07	120.2°/ 56.2°	161
16	CSX60S100 PRO (sy(170)	71	45290	6011	12.74	4.49e-07	120.2°/ 56.2°	162
17	CSX60S200 PRO (LL(455)	8	123600	15710	12.21	6.04e-08	183.4°/ 58.6°	91
18	CSX60S100 PRO (sy(372)	80	37140	4013	10.37	6.68e-07	355.8°/ 50.4°	173
19	CSX60S100 PRO (sy(137)	80	37180	4007	10.35	6.67e-07	355.8°/ 50.4°	173
20	CSX60S100 PRO (sy(129)	82	38920	3649	9.00	6.08e-07	116.2°/ 50.4°	192

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy(218)	30	44600	8114	17.47	4.63e-07	171.8°/ 56.2°	90
2	CSX60S100 PRO (sy(453)	31	44170	8010	17.41	4.72e-07	171.8°/ 56.2°	90
3	CSX60S100 PRO (sy(437)	113	38430	6401	15.99	6.24e-07	120.2°/ 56.2°	168
4	CSX60S100 PRO (sy(202)	112	38480	6383	15.92	6.22e-07	120.2°/ 56.2°	168
5	CSX60S100 PRO (sy(388)	30	39500	5249	12.76	5.91e-07	296.2°/ 50.4°	98
6	CSX60S100 PRO (sy(153)	30	39550	5232	12.70	5.89e-07	296.2°/ 50.4°	99
7	CSX60S100 PRO (sy(397)	59	43690	4735	10.41	4.83e-07	351.8°/ 56.2°	161
8	CSX60S100 PRO (sy(162)	59	43680	4737	10.41	4.83e-07	351.8°/ 56.2°	161
9	CSX60S100 PRO (sy(145)	39	37470	3549	9.09	6.56e-07	175.8°/ 50.4°	129
10	CSX60S100 PRO (sy(380)	39	37430	3536	9.07	6.58e-07	175.8°/ 50.4°	129
11	CSX60S100 PRO (sy(405)	48	46300	4324	8.97	4.30e-07	120.2°/ 56.2°	161
12	CSX60S100 PRO (sy(170)	48	46400	4318	8.93	4.28e-07	120.2°/ 56.2°	161
13	CSX60S100 PRO (sy(372)	58	37670	2981	7.60	6.50e-07	355.8°/ 50.4°	173
14	CSX60S100 PRO (sy(137)	58	37700	2984	7.60	6.48e-07	355.8°/ 50.4°	173
15	CSX60S100 PRO (sy(129)	66	39360	3023	7.37	5.95e-07	116.2°/ 50.4°	192
16	CSX60S100 PRO (sy(364)	66	39340	3019	7.37	5.95e-07	116.2°/ 50.4°	192
17	CSX60S100 PRO (sy(194)	27	70940	5272	7.13	1.83e-07	351.8°/ 56.2°	169
18	CSX60S100 PRO (sy(429)	27	71150	5277	7.12	1.82e-07	351.8°/ 56.2°	169
19	CSX60S100 PRO (sy(161)	45	33730	2156	6.14	8.10e-07	26.5°/ 47.2°	161
20	CSX60S100 PRO (sy(396)	45	33710	2154	6.13	8.11e-07	26.5°/ 47.2°	161

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(210)	165	161400	2051000	1219.76	3.54e-08	299.1°/ 52.7°	48
2	CSX60S100 PRO (sy(445)	144	120300	1007000	803.31	6.36e-08	299.1°/ 52.7°	47
3	CSX60S300 PRO (LL(151)	98	187800	927400	474.03	2.61e-08	197.2°/ 68.0°	64
4	CSX60S300 PRO (LL(386)	97	132400	458500	332.56	5.26e-08	197.2°/ 68.0°	64
5	CSX60S200 PRO (LL(449)	108	27930	40100	137.81	1.18e-06	309.4°/ 62.9°	48
6	CSX60S200 PRO (LL(214)	108	27630	38930	135.27	1.21e-06	309.4°/ 62.9°	48
7	CSX60S100 PRO (sy(412)	72	59800	48380	77.67	2.58e-07	265.5°/ 47.2°	76
8	CSX60S100 PRO (sy(177)	72	60210	48510	77.35	2.54e-07	265.5°/ 47.2°	76
9	CSX60S100 PRO (sy(413)	168	19150	11550	57.91	2.51e-06	299.1°/ 52.7°	76
10	CSX60S100 PRO (sy(178)	167	19210	11500	57.46	2.50e-06	299.1°/ 52.7°	76
11	CSX60S100 PRO (sy(380)	118	18540	10800	55.93	2.68e-06	175.8°/ 50.4°	64
12	CSX60S100 PRO (sy(145)	117	18590	10800	55.76	2.67e-06	175.8°/ 50.4°	64
13	CSX60S100 PRO (sy(397)	365	29520	16890	54.92	1.06e-06	351.8°/ 56.2°	143
14	CSX60S100 PRO (sy(162)	365	29560	16890	54.85	1.05e-06	351.8°/ 56.2°	143
15	CSX60S200 PRO (LL(147)	111	17470	9111	50.06	3.02e-06	172.4°/ 57.6°	64
16	CSX60S200 PRO (LL(382)	111	17420	8995	49.57	3.04e-06	172.4°/ 57.6°	64
17	CSX60S200 PRO (LL(149)	74	18390	6739	35.19	2.73e-06	175.0°/ 63.4°	64
18	CSX60S300 PRO (LL(419)	65	30250	11080	35.16	1.01e-06	279.2°/ 67.9°	76
19	CSX60S200 PRO (LL(384)	74	18320	6677	34.99	2.75e-06	175.0°/ 63.4°	64
20	CSX60S300 PRO (LL(184)	64	30360	10990	34.75	1.00e-06	279.2°/ 67.9°	77

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(412)	27	180900	169600	90.00	2.82e-08	265.5°/ 47.2°	75
2	CSX60S100 PRO (sy(177)	27	178600	161500	86.83	2.89e-08	265.5°/ 47.2°	76
3	CSX60S200 PRO (LL(214)	27	43840	25570	56.00	4.80e-07	309.4°/ 62.9°	47
4	CSX60S200 PRO (LL(449)	25	45670	25810	54.25	4.42e-07	309.4°/ 62.9°	46
5	CSX60S100 PRO (sy(162)	203	29930	9671	31.02	1.03e-06	351.8°/ 56.2°	143
6	CSX60S100 PRO (sy(397)	203	29890	9658	31.02	1.03e-06	351.8°/ 56.2°	143
7	CSX60S100 PRO (sy(413)	75	19880	5719	27.62	2.33e-06	299.1°/ 52.7°	75
8	CSX60S100 PRO (sy(178)	75	19950	5699	27.43	2.32e-06	299.1°/ 52.7°	75
9	CSX60S100 PRO (sy(170)	26	208000	58160	26.85	2.13e-08	120.2°/ 56.2°	143
10	CSX60S100 PRO (sy(405)	25	202400	55110	26.14	2.25e-08	120.2°/ 56.2°	143
11	CSX60S100 PRO (sy(380)	47	19880	5152	24.88	2.33e-06	175.8°/ 50.4°	63
12	CSX60S100 PRO (sy(145)	47	19960	5155	24.80	2.31e-06	175.8°/ 50.4°	63
13	CSX60S100 PRO (sy(194)	80	33040	5598	16.27	8.44e-07	351.8°/ 56.2°	130
14	CSX60S100 PRO (sy(429)	79	33030	5585	16.23	8.45e-07	351.8°/ 56.2°	130
15	CSX60S100 PRO (sy(388)	55	30320	3288	10.41	1.00e-06	296.2°/ 50.4°	129
16	CSX60S100 PRO (sy(153)	55	30380	3286	10.38	9.98e-07	296.2°/ 50.4°	129
17	CSX60S100 PRO (sy(437)	41	40450	4296	10.20	5.63e-07	120.2°/ 56.2°	130
18	CSX60S100 PRO (sy(202)	41	40580	4289	10.15	5.60e-07	120.2°/ 56.2°	130
19	CSX60S100 PRO (sy(364)	59	29950	3098	9.93	1.03e-06	116.2°/ 50.4°	136
20	CSX60S100 PRO (sy(129)	59	29990	3103	9.93	1.02e-06	116.2°/ 50.4°	136

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy(397)	1359	34960	53550	147.03	7.54e-07	351.8°/ 56.2°	183
2	CSX60S100 PRO (sy(162)	1359	35010	53550	146.84	7.52e-07	351.8°/ 56.2°	184
3	CSX60S100 PRO (sy(194)	512	30590	22230	69.75	9.85e-07	351.8°/ 56.2°	153
4	CSX60S100 PRO (sy(429)	510	30550	22180	69.69	9.87e-07	351.8°/ 56.2°	153
5	CSX60S100 PRO (sy(445)	154	21910	9541	41.81	1.92e-06	299.1°/ 52.7°	92
6	CSX60S100 PRO (sy(210)	153	21970	9510	41.55	1.91e-06	299.1°/ 52.7°	92
7	CSX60S100 PRO (sy(444)	43	50060	13910	26.67	3.68e-07	265.5°/ 47.2°	92
8	CSX60S300 PRO (LL(450)	29	74010	20500	26.59	1.68e-07	264.6°/ 67.1°	92
9	CSX60S100 PRO (sy(209)	43	50300	13930	26.58	3.64e-07	265.5°/ 47.2°	92
10	CSX60S300 PRO (LL(215)	29	74490	20540	26.47	1.66e-07	264.6°/ 67.1°	92
11	CSX60S100 PRO (sy(413)	137	30290	7271	23.04	1.00e-06	299.1°/ 52.7°	137
12	CSX60S100 PRO (sy(178)	137	30350	7255	22.95	1.00e-06	299.1°/ 52.7°	137
13	CSX60S100 PRO (sy(365)	63	28600	3251	10.91	1.13e-06	85.9°/ 47.4°	131
14	CSX60S100 PRO (sy(130)	63	28660	3250	10.89	1.12e-06	85.9°/ 47.4°	131
15	CSX60S100 PRO (sy(364)	44	40150	4544	10.86	5.72e-07	116.2°/ 50.4°	131
16	CSX60S100 PRO (sy(129)	44	40270	4534	10.81	5.68e-07	116.2°/ 50.4°	131
17	CSX60S200 PRO (LL(414)	20	97220	10790	10.65	9.75e-08	254.9°/ 56.2°	137
18	CSX60S200 PRO (LL(179)	19	97800	10640	10.44	9.64e-08	254.9°/ 56.2°	138
19	CSX60S100 PRO (sy(428)	72	29730	2951	9.53	1.04e-06	26.5°/ 47.2°	152
20	CSX60S100 PRO (sy(193)	71	29780	2949	9.51	1.04e-06	26.5°/ 47.2°	153

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S100 PRO (sy(209)	24	85590	22870	25.65	1.26e-07	265.5°/ 47.2°	91
2	CSX60S100 PRO (sy(444)	24	85050	22700	25.62	1.27e-07	265.5°/ 47.2°	91
3	CSX60S100 PRO (sy(397)	195	35440	7925	21.47	7.34e-07	351.8°/ 56.2°	183
4	CSX60S100 PRO (sy(162)	195	35490	7917	21.42	7.32e-07	351.8°/ 56.2°	183
5	CSX60S100 PRO (sy(429)	132	31100	5960	18.40	9.53e-07	351.8°/ 56.2°	152
6	CSX60S100 PRO (sy(194)	131	31140	5948	18.34	9.50e-07	351.8°/ 56.2°	152
7	CSX60S100 PRO (sy(445)	51	22970	3572	14.93	1.75e-06	299.1°/ 52.7°	91
8	CSX60S100 PRO (sy(210)	51	23040	3568	14.87	1.74e-06	299.1°/ 52.7°	91
9	CSX60S100 PRO (sy(413)	56	31140	3170	9.77	9.50e-07	299.1°/ 52.7°	137
10	CSX60S100 PRO (sy(178)	56	31210	3166	9.74	9.46e-07	299.1°/ 52.7°	137
11	CSX60S300 PRO (LL(215)	4	175300	16660	9.12	3.00e-08	264.6°/ 67.1°	92
12	CSX60S300 PRO (LL(450)	4	172100	16150	9.01	3.11e-08	264.6°/ 67.1°	91
13	CSX60S100 PRO (sy(412)	24	58960	4771	7.77	2.65e-07	265.5°/ 47.2°	137
14	CSX60S100 PRO (sy(177)	24	59130	4780	7.76	2.64e-07	265.5°/ 47.2°	137
15	CSX60S100 PRO (sy(364)	27	42980	3160	7.06	4.99e-07	116.2°/ 50.4°	130
16	CSX60S100 PRO (sy(129)	27	43120	3157	7.03	4.96e-07	116.2°/ 50.4°	130
17	CSX60S100 PRO (sy(137)	67	45000	2773	5.92	4.55e-07	355.8°/ 50.4°	230
18	CSX60S100 PRO (sy(372)	67	44950	2773	5.92	4.56e-07	355.8°/ 50.4°	229
19	CSX60S100 PRO (sy(365)	31	29540	1707	5.55	1.06e-06	85.9°/ 47.4°	130
20	CSX60S100 PRO (sy(130)	30	29600	1703	5.52	1.05e-06	85.9°/ 47.4°	130

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(429)	782	18400	29850	51.91	3.02e-07	351.8°/ 56.2°	294
2	CSX60S100 PRO (sy(194)	780	18420	29790	51.76	3.02e-07	351.8°/ 56.2°	295
3	CSX60S100 PRO (sy(397)	509	21290	19510	29.32	2.26e-07	351.8°/ 56.2°	340
4	CSX60S100 PRO (sy(162)	508	21310	19490	29.27	2.25e-07	351.8°/ 56.2°	340
5	CSX60S100 PRO (sy(365)	24	60590	14240	7.52	2.79e-08	85.9°/ 47.4°	243
6	CSX60S100 PRO (sy(130)	24	60650	14240	7.51	2.78e-08	85.9°/ 47.4°	244
7	CSX60S100 PRO (sy(445)	76	18870	3697	6.27	2.88e-07	299.1°/ 52.7°	267
8	CSX60S100 PRO (sy(210)	76	18890	3695	6.26	2.87e-07	299.1°/ 52.7°	267
9	CSX60S100 PRO (sy(413)	73	22200	3498	5.04	2.08e-07	299.1°/ 52.7°	316
10	CSX60S100 PRO (sy(178)	73	22220	3498	5.04	2.07e-07	299.1°/ 52.7°	316
11	CSX60S100 PRO (sy(372)	70	25910	2940	3.63	1.53e-07	355.8°/ 50.4°	395
12	CSX60S100 PRO (sy(137)	70	25930	2940	3.63	1.52e-07	355.8°/ 50.4°	396
13	CSX60S100 PRO (sy(153)	55	27120	2802	3.31	1.39e-07	296.2°/ 50.4°	376
14	CSX60S100 PRO (sy(388)	55	27100	2803	3.31	1.39e-07	296.2°/ 50.4°	376
15	CSX60S100 PRO (sy(209)	26	29140	2992	3.29	1.21e-07	265.5°/ 47.2°	267
16	CSX60S100 PRO (sy(444)	26	29100	2989	3.29	1.21e-07	265.5°/ 47.2°	267
17	CSX60S100 PRO (sy(428)	36	21390	1876	2.81	2.24e-07	26.5°/ 47.2°	294
18	CSX60S100 PRO (sy(193)	36	21410	1874	2.80	2.23e-07	26.5°/ 47.2°	294
19	CSX60S200 PRO (LL(213)	4	132200	10740	2.60	5.86e-09	245.2°/ 64.7°	267
20	CSX60S200 PRO (LL(448)	4	130400	10460	2.57	6.02e-09	245.2°/ 64.7°	267

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy(365)	23	98560	37230	12.09	1.05e-08	85.9°/ 47.4°	243
2	CSX60S100 PRO (sy(130)	23	98580	37170	12.07	1.05e-08	85.9°/ 47.4°	243
3	CSX60S100 PRO (sy(429)	114	18630	4452	7.65	2.95e-07	351.8°/ 56.2°	294
4	CSX60S100 PRO (sy(194)	114	18650	4452	7.64	2.94e-07	351.8°/ 56.2°	294
5	CSX60S100 PRO (sy(397)	122	21530	4794	7.13	2.21e-07	351.8°/ 56.2°	340
6	CSX60S100 PRO (sy(162)	122	21550	4794	7.12	2.21e-07	351.8°/ 56.2°	340
7	CSX60S100 PRO (sy(445)	54	19250	2767	4.60	2.76e-07	299.1°/ 52.7°	267
8	CSX60S100 PRO (sy(210)	54	19270	2765	4.59	2.76e-07	299.1°/ 52.7°	267
9	CSX60S100 PRO (sy(178)	56	22590	2782	3.94	2.01e-07	299.1°/ 52.7°	316
10	CSX60S100 PRO (sy(413)	56	22570	2782	3.94	2.01e-07	299.1°/ 52.7°	316
11	CSX60S100 PRO (sy(209)	22	30830	2913	3.02	1.08e-07	265.5°/ 47.2°	267
12	CSX60S100 PRO (sy(444)	22	30790	2905	3.02	1.08e-07	265.5°/ 47.2°	267
13	CSX60S200 PRO (LL(448)	3	212000	19330	2.92	2.28e-09	245.2°/ 64.7°	267
14	CSX60S200 PRO (LL(213)	3	205400	17600	2.74	2.43e-09	245.2°/ 64.7°	267
15	CSX60S100 PRO (sy(372)	51	26230	2215	2.70	1.49e-07	355.8°/ 50.4°	395
16	CSX60S100 PRO (sy(137)	52	26240	2216	2.70	1.49e-07	355.8°/ 50.4°	395
17	CSX60S100 PRO (sy(153)	39	27540	2031	2.36	1.35e-07	296.2°/ 50.4°	376
18	CSX60S100 PRO (sy(388)	39	27520	2029	2.36	1.35e-07	296.2°/ 50.4°	376
19	CSX60S100 PRO (sy(412)	21	35080	2530	2.31	8.32e-08	265.5°/ 47.2°	316
20	CSX60S100 PRO (sy(177)	21	35120	2532	2.31	8.30e-08	265.5°/ 47.2°	316

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(429)	485	23800	18700	25.14	1.81e-07	351.8°/ 56.2°	379
2	CSX60S100 PRO (sy(194)	484	23810	18670	25.09	1.81e-07	351.8°/ 56.2°	379
3	CSX60S100 PRO (sy(397)	360	26860	13970	16.64	1.42e-07	351.8°/ 56.2°	426
4	CSX60S100 PRO (sy(162)	359	26880	13960	16.62	1.42e-07	351.8°/ 56.2°	426
5	CSX60S100 PRO (sy(445)	71	25020	3406	4.36	1.64e-07	299.1°/ 52.7°	357
6	CSX60S100 PRO (sy(210)	71	25040	3405	4.35	1.63e-07	299.1°/ 52.7°	358
7	CSX60S100 PRO (sy(178)	69	28410	3301	3.72	1.27e-07	299.1°/ 52.7°	407
8	CSX60S100 PRO (sy(413)	70	28390	3302	3.72	1.27e-07	299.1°/ 52.7°	407
9	CSX60S100 PRO (sy(372)	66	31930	2829	2.84	1.00e-07	355.8°/ 50.4°	483
10	CSX60S100 PRO (sy(137)	66	31940	2829	2.83	1.00e-07	355.8°/ 50.4°	483
11	CSX60S100 PRO (sy(153)	54	33510	2693	2.57	9.12e-08	296.2°/ 50.4°	467
12	CSX60S100 PRO (sy(388)	54	33490	2692	2.57	9.13e-08	296.2°/ 50.4°	467
13	CSX60S100 PRO (sy(444)	24	37510	2594	2.21	7.28e-08	265.5°/ 47.2°	358
14	CSX60S100 PRO (sy(209)	24	37550	2596	2.21	7.26e-08	265.5°/ 47.2°	358
15	CSX60S100 PRO (sy(177)	24	42110	2496	1.90	5.77e-08	265.5°/ 47.2°	408
16	CSX60S100 PRO (sy(412)	24	42080	2498	1.90	5.78e-08	265.5°/ 47.2°	407
17	CSX60S100 PRO (sy(193)	29	28790	1645	1.83	1.24e-07	26.5°/ 47.2°	379
18	CSX60S100 PRO (sy(428)	29	28770	1644	1.83	1.24e-07	26.5°/ 47.2°	379
19	CSX60S100 PRO (sy(389)	25	47330	2477	1.67	4.57e-08	265.9°/ 47.4°	467
20	CSX60S100 PRO (sy(154)	25	47360	2479	1.67	4.57e-08	265.9°/ 47.4°	468

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	CSX60S100 PRO (sy(194)	128	24050	5049	6.72	1.77e-07	351.8°/ 56.2°	379
2	CSX60S100 PRO (sy(429)	128	24040	5049	6.72	1.77e-07	351.8°/ 56.2°	379
3	CSX60S100 PRO (sy(397)	120	27110	4746	5.60	1.39e-07	351.8°/ 56.2°	426
4	CSX60S100 PRO (sy(162)	120	27120	4750	5.60	1.39e-07	351.8°/ 56.2°	426
5	CSX60S100 PRO (sy(445)	56	25390	2786	3.51	1.59e-07	299.1°/ 52.7°	357
6	CSX60S100 PRO (sy(210)	56	25410	2787	3.51	1.59e-07	299.1°/ 52.7°	357
7	CSX60S100 PRO (sy(178)	57	28770	2787	3.10	1.24e-07	299.1°/ 52.7°	407
8	CSX60S100 PRO (sy(413)	57	28750	2789	3.10	1.24e-07	299.1°/ 52.7°	407
9	CSX60S100 PRO (sy(137)	53	32270	2305	2.29	9.83e-08	355.8°/ 50.4°	483
10	CSX60S100 PRO (sy(372)	53	32260	2305	2.29	9.84e-08	355.8°/ 50.4°	483
11	CSX60S100 PRO (sy(209)	21	39030	2456	2.01	6.72e-08	265.5°/ 47.2°	358
12	CSX60S100 PRO (sy(444)	21	38990	2454	2.01	6.74e-08	265.5°/ 47.2°	357
13	CSX60S100 PRO (sy(388)	41	33910	2087	1.97	8.91e-08	296.2°/ 50.4°	467
14	CSX60S100 PRO (sy(153)	41	33930	2088	1.97	8.90e-08	296.2°/ 50.4°	467
15	CSX60S100 PRO (sy(412)	21	43480	2345	1.73	5.42e-08	265.5°/ 47.2°	407
16	CSX60S100 PRO (sy(177)	21	43510	2346	1.73	5.41e-08	265.5°/ 47.2°	407
17	CSX60S100 PRO (sy(154)	23	48670	2441	1.61	4.32e-08	265.9°/ 47.4°	467
18	CSX60S100 PRO (sy(389)	23	48630	2443	1.61	4.33e-08	265.9°/ 47.4°	467
19	CSX60S100 PRO (sy(428)	24	29310	1425	1.56	1.19e-07	26.5°/ 47.2°	378
20	CSX60S100 PRO (sy(193)	24	29320	1424	1.55	1.19e-07	26.5°/ 47.2°	379

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy(429)	315	144800	12290	13.58	1.22e-07	351.8°/ 56.2°	458
2	CSX60S100 PRO (sy(194)	314	144800	12280	13.57	1.22e-07	351.8°/ 56.2°	458
3	CSX60S100 PRO (sy(397)	271	160500	10670	10.64	9.94e-08	351.8°/ 56.2°	506
4	CSX60S100 PRO (sy(162)	272	160600	10680	10.64	9.93e-08	351.8°/ 56.2°	506
5	CSX60S100 PRO (sy(445)	67	153400	3194	3.33	1.09e-07	299.1°/ 52.7°	440
6	CSX60S100 PRO (sy(210)	67	153500	3194	3.33	1.09e-07	299.1°/ 52.7°	440
7	CSX60S100 PRO (sy(178)	66	170400	3131	2.94	8.82e-08	299.1°/ 52.7°	490
8	CSX60S100 PRO (sy(413)	66	170300	3131	2.94	8.83e-08	299.1°/ 52.7°	490
9	CSX60S100 PRO (sy(137)	63	187800	2735	2.33	7.26e-08	355.8°/ 50.4°	564
10	CSX60S100 PRO (sy(372)	63	187700	2735	2.33	7.27e-08	355.8°/ 50.4°	564
11	CSX60S100 PRO (sy(153)	52	196800	2585	2.10	6.61e-08	296.2°/ 50.4°	550
12	CSX60S100 PRO (sy(388)	52	196700	2586	2.10	6.62e-08	296.2°/ 50.4°	550
13	CSX60S100 PRO (sy(209)	24	227000	2498	1.76	4.97e-08	265.5°/ 47.2°	441
14	CSX60S100 PRO (sy(444)	24	226900	2499	1.76	4.97e-08	265.5°/ 47.2°	440
15	CSX60S100 PRO (sy(177)	24	250100	2469	1.58	4.09e-08	265.5°/ 47.2°	490
16	CSX60S100 PRO (sy(412)	24	249900	2467	1.58	4.10e-08	265.5°/ 47.2°	490
17	CSX60S300 PRO (Ll(136)	3	1476000	14240	1.54	1.17e-09	75.4°/ 66.8°	402
18	CSX60S300 PRO (Ll(371)	3	1458000	13720	1.51	1.20e-09	75.4°/ 66.8°	402
19	CSX60S100 PRO (sy(428)	27	179500	1615	1.44	7.95e-08	26.5°/ 47.2°	458
20	CSX60S100 PRO (sy(193)	27	179600	1616	1.44	7.94e-08	26.5°/ 47.2°	458

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(429)	117	146000	4654	5.10	1.20e-07	351.8°/ 56.2°	458
2	CSX60S100 PRO (sy(194)	117	146100	4654	5.10	1.20e-07	351.8°/ 56.2°	458
3	CSX60S100 PRO (sy(397)	123	161800	4906	4.85	9.78e-08	351.8°/ 56.2°	506
4	CSX60S100 PRO (sy(162)	123	161800	4910	4.85	9.77e-08	351.8°/ 56.2°	506
5	CSX60S100 PRO (sy(445)	58	155200	2810	2.90	1.06e-07	299.1°/ 52.7°	440
6	CSX60S100 PRO (sy(210)	58	155300	2808	2.89	1.06e-07	299.1°/ 52.7°	440
7	CSX60S100 PRO (sy(413)	59	172100	2823	2.62	8.64e-08	299.1°/ 52.7°	490
8	CSX60S100 PRO (sy(178)	59	172200	2823	2.62	8.63e-08	299.1°/ 52.7°	490
9	CSX60S100 PRO (sy(372)	49	189400	2183	1.84	7.14e-08	355.8°/ 50.4°	563
10	CSX60S100 PRO (sy(137)	49	189400	2183	1.84	7.13e-08	355.8°/ 50.4°	564
11	CSX60S100 PRO (sy(153)	40	198900	2034	1.64	6.47e-08	296.2°/ 50.4°	550
12	CSX60S100 PRO (sy(388)	40	198800	2033	1.64	6.48e-08	296.2°/ 50.4°	550
13	CSX60S100 PRO (sy(444)	21	233800	2356	1.61	4.68e-08	265.5°/ 47.2°	440
14	CSX60S100 PRO (sy(209)	21	234000	2354	1.61	4.68e-08	265.5°/ 47.2°	440
15	CSX60S100 PRO (sy(412)	23	256600	2417	1.51	3.89e-08	265.5°/ 47.2°	490
16	CSX60S100 PRO (sy(177)	23	256800	2416	1.51	3.88e-08	265.5°/ 47.2°	490
17	CSX60S100 PRO (sy(154)	23	282600	2409	1.36	3.21e-08	265.9°/ 47.4°	550
18	CSX60S100 PRO (sy(389)	23	282400	2408	1.36	3.21e-08	265.9°/ 47.4°	550
19	CSX60S100 PRO (sy(193)	23	182500	1453	1.27	7.68e-08	26.5°/ 47.2°	458
20	CSX60S100 PRO (sy(428)	23	182400	1453	1.27	7.69e-08	26.5°/ 47.2°	458

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(129)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy(130)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (Ll(131)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (Ll(132)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (Ll(133)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (Ll(134)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (Ll(135)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (Ll(136)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy(137)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy(138)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (Ll(139)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (Ll(140)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (Ll(141)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (Ll(142)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (Ll(143)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (Ll(144)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy(145)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy(146)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (Ll(147)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (Ll(148)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	CSX60S100 PRO (sy(413)	49	39690	2635	2.12	6.50e-08	299.1°/ 52.7°	534
2	CSX60S100 PRO (sy(178)	49	39720	2635	2.12	6.49e-08	299.1°/ 52.7°	534
3	CSX60S100 PRO (sy(177)	23	69130	3827	1.77	2.14e-08	265.5°/ 47.2°	534
4	CSX60S100 PRO (sy(412)	23	69080	3824	1.77	2.15e-08	265.5°/ 47.2°	534
5	CSX60S100 PRO (sy(154)	23	72660	3378	1.49	1.94e-08	265.9°/ 47.4°	593
6	CSX60S100 PRO (sy(389)	23	72610	3377	1.49	1.94e-08	265.9°/ 47.4°	593
7	CSX60S100 PRO (sy(388)	32	45250	1820	1.29	5.00e-08	296.2°/ 50.4°	592
8	CSX60S100 PRO (sy(153)	32	45270	1820	1.29	5.00e-08	296.2°/ 50.4°	593
9	CSX60S300 PRO (LL(160)	4	100100	1164	0.37	1.02e-08	255.4°/ 66.8°	593
10	CSX60S300 PRO (LL(395)	4	99970	1163	0.37	1.02e-08	255.4°/ 66.8°	593
11	CSX60S300 PRO (LL(215)	4	60490	634	0.34	2.80e-08	264.6°/ 67.1°	486
12	CSX60S300 PRO (LL(450)	4	60430	633	0.34	2.80e-08	264.6°/ 67.1°	486
13	CSX60S300 PRO (LL(183)	4	63130	571	0.29	2.57e-08	264.6°/ 67.1°	534
14	CSX60S300 PRO (LL(418)	4	63080	570	0.29	2.57e-08	264.6°/ 67.1°	534
15	CSX60S200 PRO (LL(414)	2	111900	930	0.27	8.17e-09	254.9°/ 56.2°	534
16	CSX60S200 PRO (LL(179)	2	112100	931	0.27	8.15e-09	254.9°/ 56.2°	534
17	CSX60S300 PRO (LL(216)	4	42460	312	0.24	5.68e-08	279.2°/ 67.9°	486
18	CSX60S300 PRO (LL(451)	4	42430	312	0.24	5.69e-08	279.2°/ 67.9°	486
19	CSX60S300 PRO (LL(184)	4	45570	298	0.21	4.93e-08	279.2°/ 67.9°	534
20	CSX60S300 PRO (LL(419)	4	45550	298	0.21	4.94e-08	279.2°/ 67.9°	534

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S100 PRO (sy(429)	81	33140	3277	3.16	9.32e-08	351.8°/ 56.2°	516
2	CSX60S100 PRO (sy(194)	81	33160	3277	3.16	9.31e-08	351.8°/ 56.2°	516
3	CSX60S100 PRO (sy(397)	82	36070	3289	2.92	7.87e-08	351.8°/ 56.2°	561
4	CSX60S100 PRO (sy(162)	82	36090	3290	2.92	7.86e-08	351.8°/ 56.2°	562
5	CSX60S100 PRO (sy(209)	21	71420	4436	1.99	2.01e-08	265.5°/ 47.2°	486
6	CSX60S100 PRO (sy(444)	21	71360	4433	1.99	2.01e-08	265.5°/ 47.2°	486
7	CSX60S100 PRO (sy(177)	21	73590	3957	1.72	1.89e-08	265.5°/ 47.2°	535
8	CSX60S100 PRO (sy(412)	21	73540	3955	1.72	1.89e-08	265.5°/ 47.2°	534
9	CSX60S100 PRO (sy(154)	22	76370	3567	1.49	1.76e-08	265.9°/ 47.4°	593
10	CSX60S100 PRO (sy(389)	22	76320	3562	1.49	1.76e-08	265.9°/ 47.4°	593
11	CSX60S100 PRO (sy(210)	29	37330	1649	1.41	7.35e-08	299.1°/ 52.7°	486
12	CSX60S100 PRO (sy(445)	29	37310	1648	1.41	7.36e-08	299.1°/ 52.7°	486
13	CSX60S100 PRO (sy(413)	31	40440	1713	1.36	6.26e-08	299.1°/ 52.7°	534
14	CSX60S100 PRO (sy(178)	31	40460	1713	1.35	6.25e-08	299.1°/ 52.7°	534
15	CSX60S100 PRO (sy(428)	23	39760	1359	1.09	6.48e-08	26.5°/ 47.2°	515
16	CSX60S100 PRO (sy(193)	23	39780	1359	1.09	6.47e-08	26.5°/ 47.2°	516
17	CSX60S100 PRO (sy(396)	23	43870	1396	1.02	5.32e-08	26.5°/ 47.2°	561
18	CSX60S100 PRO (sy(161)	23	43880	1396	1.02	5.32e-08	26.5°/ 47.2°	562
19	CSX60S100 PRO (sy(388)	24	46090	1433	0.99	4.82e-08	296.2°/ 50.4°	593
20	CSX60S100 PRO (sy(153)	24	46110	1432	0.99	4.82e-08	296.2°/ 50.4°	593

Anlage 8: Lichtimmissionen in der Nachbarschaft für Trainingsbetrieb (Raumaufhellung und Blendung) mit nur dem Bestandssportplatz in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.01 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.01 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.02 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.02 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.02 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0.05 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	0.09 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0.12 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	0.25 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0.13 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	0.32 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.23 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	0.56 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	9.4 m	0.04 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	15.4 m	0.06 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0.02 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.06 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.05 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.1 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.01 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.02 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.04 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.06 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.02 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.03 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.01 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0.02 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.01 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0.01 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0 lx	35.00°
E(p) IO 14 Schwarzkehlchenwe	1700 m	953 m	8.9 m	0 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0.01 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	0.01 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.02 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0.03 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.93 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	1.65 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0.76 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	1.72 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	0.35 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	0.65 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.01 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.03 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.11 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.71m / 589.71m / 20.20m)

1	LED Floodlight - ... (230)	177	18950	13390	22.61	2.85e-07	181.0°/ 0.0°	215
2	LED Floodlight - ... (233)	179	19860	13510	21.77	2.60e-07	185.0°/ 0.0°	226
3	CSX60S100 PRO (sy..(50)	93	19070	3727	6.25	2.82e-07	299.1°/ 52.7°	297
4	CSX60S100 PRO (sy..(57)	24	54040	7597	4.50	3.51e-08	206.5°/ 47.2°	298
5	CSX60S100 PRO (sy..(25)	73	22500	3010	4.28	2.02e-07	296.2°/ 50.4°	347
6	CSX60S100 PRO (sy..(18)	25	32440	4001	3.95	9.73e-08	206.1°/ 47.4°	252
7	CSX60S100 PRO (sy..(49)	37	20630	1720	2.67	2.41e-07	265.5°/ 47.2°	297
8	CSX60S100 PRO (sy..(26)	34	24680	1670	2.16	1.68e-07	265.9°/ 47.4°	347
9	CSX60S300 PRO (LU.(23)	4	48430	1510	1.00	4.37e-08	197.2°/ 68.0°	252
10	CSX60S300 PRO (LU.(63)	4	48530	1080	0.71	4.35e-08	207.4°/ 67.1°	299
11	CSX60S300 PRO (LU.(24)	4	23290	350	0.48	1.89e-07	216.6°/ 66.8°	252
12	CSX60S200 PRO (LU.(22)	4	19620	267	0.44	2.66e-07	228.2°/ 65.9°	252
13	CSX60S200 PRO (LU.(61)	4	23200	265	0.37	1.90e-07	236.8°/ 64.7°	299
14	CSX60S200 PRO (LU.(53)	4	21210	224	0.34	2.28e-07	245.2°/ 64.7°	297
15	CSX60S200 PRO (LU.(30)	4	26460	255	0.31	1.46e-07	243.8°/ 65.9°	347
16	CSX60S200 PRO (LU.(54)	4	18500	170	0.29	2.99e-07	309.4°/ 62.9°	297
17	CSX60S200 PRO (LU.(20)	2	27530	254	0.29	1.35e-07	210.4°/ 56.8°	252
18	CSX60S300 PRO (LU.(55)	4	18660	161	0.28	2.94e-07	264.6°/ 67.1°	297
19	CSX60S200 PRO (LU.(59)	2	33890	273	0.26	8.92e-08	217.1°/ 56.2°	298
20	CSX60S300 PRO (LU.(56)	4	17840	148	0.26	3.22e-07	279.2°/ 67.9°	297

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	LED Floodlight - ... (233)	87	23630	9283	12.57	1.83e-07	185.0°/ 0.0°	226
2	LED Floodlight - ... (230)	82	22770	8932	12.55	1.97e-07	181.0°/ 0.0°	216
3	CSX60S100 PRO (sy..(50)	73	19350	3008	4.98	2.74e-07	299.1°/ 52.7°	297
4	CSX60S100 PRO (sy..(57)	21	63170	9227	4.67	2.57e-08	206.5°/ 47.2°	298
5	CSX60S100 PRO (sy..(18)	23	35390	4374	3.96	8.18e-08	206.1°/ 47.4°	251
6	CSX60S100 PRO (sy..(25)	53	22800	2255	3.16	1.97e-07	296.2°/ 50.4°	347
7	CSX60S100 PRO (sy..(49)	25	21040	1208	1.84	2.31e-07	265.5°/ 47.2°	297
8	CSX60S100 PRO (sy..(26)	24	25120	1212	1.54	1.62e-07	265.9°/ 47.4°	347
9	CSX60S300 PRO (LU.(23)	4	54000	1881	1.11	3.51e-08	197.2°/ 68.0°	252
10	CSX60S300 PRO (LU.(63)	4	51810	1232	0.76	3.81e-08	207.4°/ 67.1°	298
11	CSX60S300 PRO (LU.(24)	4	23840	367	0.49	1.80e-07	216.6°/ 66.8°	252
12	CSX60S200 PRO (LU.(22)	4	19950	276	0.44	2.57e-07	228.2°/ 65.9°	252
13	CSX60S200 PRO (LU.(61)	4	23550	274	0.37	1.85e-07	236.8°/ 64.7°	298
14	CSX60S200 PRO (LU.(53)	4	21480	230	0.34	2.22e-07	245.2°/ 64.7°	297
15	CSX60S200 PRO (LU.(30)	4	26770	262	0.31	1.43e-07	243.8°/ 65.9°	347
16	CSX60S200 PRO (LU.(20)	2	28890	280	0.31	1.23e-07	210.4°/ 56.8°	251
17	CSX60S200 PRO (LU.(54)	4	18680	174	0.30	2.93e-07	309.4°/ 62.9°	297
18	CSX60S300 PRO (LU.(55)	4	18820	164	0.28	2.89e-07	264.6°/ 67.1°	297
19	CSX60S300 PRO (LU.(56)	4	17970	150	0.27	3.17e-07	279.2°/ 67.9°	297
20	CSX60S200 PRO (LU.(59)	2	35430	299	0.27	8.16e-08	217.1°/ 56.2°	298

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	LED Floodlight - ... (230)	187	14360	13760	30.66	4.96e-07	181.0°/ 0.0°	165
2	LED Floodlight - ... (233)	188	15020	13850	29.51	4.54e-07	185.0°/ 0.0°	173
3	CSX60S100 PRO (sy..(50)	98	15250	3997	8.38	4.40e-07	299.1°/ 52.7°	236
4	CSX60S100 PRO (sy..(25)	75	18350	3069	5.35	3.04e-07	296.2°/ 50.4°	284
5	CSX60S100 PRO (sy..(18)	30	20030	3085	4.93	2.55e-07	206.1°/ 47.4°	196
6	CSX60S100 PRO (sy..(57)	26	32690	4763	4.66	9.58e-08	206.5°/ 47.2°	238
7	CSX60S100 PRO (sy..(49)	48	16050	2142	4.27	3.98e-07	265.5°/ 47.2°	237
8	CSX60S100 PRO (sy..(26)	41	19820	1940	3.13	2.61e-07	265.9°/ 47.4°	284
9	LED Floodlight - ... (228)	5	21270	872	1.31	2.26e-07	100.0°/ 0.0°	159
10	CSX60S300 PRO (LU.(23)	4	23300	577	0.79	1.89e-07	197.2°/ 68.0°	196
11	CSX60S300 PRO (LU.(63)	4	29700	637	0.69	1.16e-07	207.4°/ 67.1°	238
12	CSX60S300 PRO (LU.(24)	4	15700	263	0.54	4.16e-07	216.6°/ 66.8°	196
13	LED Floodlight - ... (234)	2	23850	379	0.51	1.80e-07	101.0°/ 0.0°	166
14	CSX60S200 PRO (LU.(22)	4	13900	221	0.51	5.30e-07	228.2°/ 65.9°	196
15	CSX60S200 PRO (LU.(61)	4	17430	236	0.43	3.37e-07	236.8°/ 64.7°	238
16	CSX60S200 PRO (LU.(53)	4	16150	204	0.41	3.93e-07	245.2°/ 64.7°	237
17	CSX60S200 PRO (LU.(54)	4	14950	176	0.38	4.58e-07	309.4°/ 62.9°	236
18	CSX60S200 PRO (LU.(30)	4	20880	238	0.36	2.35e-07	243.8°/ 65.9°	284
19	CSX60S300 PRO (LU.(55)	4	14540	154	0.34	4.84e-07	264.6°/ 67.1°	237
20	CSX60S300 PRO (LU.(56)	4	14070	145	0.33	5.17e-07	279.2°/ 67.9°	236

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lin(2151.80m / 640.00m / 19.50m)

1	LED Floodlight - ... (233)	68	18970	7956	13.42	2.84e-07	185.0°/ 0.0°	173
2	LED Floodlight - ... (230)	63	18390	7561	13.16	3.03e-07	181.0°/ 0.0°	166
3	CSX60S100 PRO (sy..(50)	71	15530	3012	6.21	4.24e-07	299.1°/ 52.7°	236
4	CSX60S100 PRO (sy..(57)	21	36370	4863	4.28	7.74e-08	206.5°/ 47.2°	237
5	CSX60S100 PRO (sy..(25)	55	18650	2335	4.01	2.94e-07	296.2°/ 50.4°	283
6	CSX60S100 PRO (sy..(18)	21	21430	2476	3.70	2.23e-07	206.1°/ 47.4°	195
7	CSX60S100 PRO (sy..(49)	24	16410	1151	2.24	3.80e-07	265.5°/ 47.2°	236
8	CSX60S100 PRO (sy..(26)	23	20220	1162	1.84	2.50e-07	265.9°/ 47.4°	284
9	CSX60S300 PRO (LU.(23)	4	24460	638	0.83	1.71e-07	197.2°/ 68.0°	196
10	CSX60S300 PRO (LU.(63)	4	31120	701	0.72	1.06e-07	207.4°/ 67.1°	238
11	CSX60S300 PRO (LU.(24)	4	16030	275	0.55	3.98e-07	216.6°/ 66.8°	196
12	CSX60S200 PRO (LU.(22)	4	14130	229	0.52	5.13e-07	228.2°/ 65.9°	196
13	CSX60S200 PRO (LU.(61)	4	17710	244	0.44	3.26e-07	236.8°/ 64.7°	238
14	CSX60S200 PRO (LU.(53)	4	16370	211	0.41	3.82e-07	245.2°/ 64.7°	236
15	CSX60S200 PRO (LU.(54)	4	15140	181	0.38	4.47e-07	309.4°/ 62.9°	236
16	CSX60S200 PRO (LU.(30)	4	21160	244	0.37	2.29e-07	243.8°/ 65.9°	284
17	CSX60S300 PRO (LU.(55)	4	14680	158	0.34	4.75e-07	264.6°/ 67.1°	236
18	CSX60S300 PRO (LU.(56)	4	14190	148	0.33	5.09e-07	279.2°/ 67.9°	236
19	CSX60S200 PRO (LU.(20)	2	18480	189	0.33	3.00e-07	210.4°/ 56.8°	195
20	CSX60S300 PRO (LU.(32)	4	19160	187	0.31	2.79e-07	255.4°/ 66.8°	284

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	LED Floodlight - ... (230)	179	13070	14050	34.40	6.00e-07	181.0°/ 0.0°	146
2	LED Floodlight - ... (233)	180	13330	13970	33.53	5.76e-07	185.0°/ 0.0°	150
3	CSX60S100 PRO (sy..(34)	120	12150	7447	19.62	6.94e-07	351.8°/ 56.2°	153
4	CSX60S100 PRO (sy..(33)	28	35530	14680	13.22	8.11e-08	26.5°/ 47.2°	153
5	CSX60S300 PRO (LU.(16)	5	297200	111100	11.96	1.16e-09	36.6°/ 66.8°	206
6	CSX60S100 PRO (sy..(50)	107	13210	4515	10.94	5.87e-07	299.1°/ 52.7°	201
7	CSX60S100 PRO (sy..(17)	27	33640	10710	10.19	9.05e-08	175.8°/ 50.4°	168
8	LED Floodlight - ... (228)	40	15410	4477	9.30	4.31e-07	100.0°/ 0.0°	143
9	CSX60S200 PRO (LU.(19)	14	56130	15140	8.63	3.25e-08	172.4°/ 57.6°	168
10	CSX60S100 PRO (sy..(18)	40	14450	2886	6.39	4.91e-07	206.1°/ 47.4°	168
11	CSX60S100 PRO (sy..(25)	76	15860	3134	6.32	4.07e-07	296.2°/ 50.4°	245
12	LED Floodlight - ... (234)	26	16530	3243	6.28	3.75e-07	101.0°/ 0.0°	146
13	CSX60S100 PRO (sy... (9)	52	16440	3214	6.26	3.79e-07	355.8°/ 50.4°	207
14	CSX60S300 PRO (LU.(39)	9	52820	10070	6.10	3.67e-08	27.4°/ 67.1°	152
15	CSX60S100 PRO (sy..(10)	26	30350	5397	5.69	1.11e-07	26.1°/ 47.4°	207
16	CSX60S100 PRO (sy..(49)	54	13390	2329	5.57	5.71e-07	265.5°/ 47.2°	202
17	CSX60S100 PRO (sy..(57)	28	22490	3366	4.79	2.03e-07	206.5°/ 47.2°	202
18	CSX60S100 PRO (sy..(26)	47	16740	2140	4.09	3.65e-07	265.9°/ 47.4°	245
19	CSX60S200 PRO (LU.(21)	4	38510	2306	1.92	6.91e-08	175.0°/ 63.4°	168
20	CSX60S200 PRO (LU.(12)	5	37280	1674	1.44	7.37e-08	30.4°/ 56.8°	207

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lin(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy..(33)	23	97680	93760	30.71	1.07e-08	26.5°/ 47.2°	152
2	CSX60S100 PRO (sy..(17)	23	49940	19980	12.80	4.11e-08	175.8°/ 50.4°	168
3	LED Floodlight - ... (233)	42	18040	5925	10.51	3.15e-07	185.0°/ 0.0°	150
4	LED Floodlight - ... (230)	38	17960	5604	9.99	3.18e-07	181.0°/ 0.0°	146
5	CSX60S100 PRO (sy..(34)	48	12640	3239	8.20	6.41e-07	351.8°/ 56.2°	152
6	CSX60S300 PRO (LU.(39)	3	161500	38360	7.60	3.93e-09	27.4°/ 67.1°	152
7	CSX60S100 PRO (sy..(50)	67	13500	2960	7.02	5.62e-07	299.1°/ 52.7°	201
8	CSX60S100 PRO (sy..(10)	22	35090	6210	5.66	8.31e-08	26.1°/ 47.4°	206
9	CSX60S100 PRO (sy..(25)	52	16160	2225	4.41	3.92e-07	296.2°/ 50.4°	244
10	CSX60S100 PRO (sy..(57)	23	24330	3308	4.35	1.73e-07	206.5°/ 47.2°	202
11	CSX60S100 PRO (sy..(18)	23	15250	1897	3.98	4.40e-07	206.1°/ 47.4°	167
12	CSX60S100 PRO (sy... (9)	29	17010	1935	3.64	3.54e-07	355.8°/ 50.4°	206
13	CSX60S100 PRO (sy..(49)	26	13730	1170	2.73	5.43e-07	265.5°/ 47.2°	201
14	CSX60S200 PRO (LU.(21)	4	54580	4652	2.73	3.44e-08	175.0°/ 63.4°	168
15	CSX60S100 PRO (sy..(26)	24	17120	1150	2.15	3.49e-07	265.9°/ 47.4°	245
16	CSX60S300 PRO (LU.(64)	4	42240	1777	1.35	5.74e-08	192.8°/ 67.9°	203
17	CSX60S200 PRO (LU.(19)	1	105100	4289	1.31	9.27e-09	172.4°/ 57.6°	168
18	CSX60S300 PRO (LU.(40)	4	18180	587	1.03	3.10e-07	12.8°/ 67.9°	152
19	CSX60S300 PRO (LU.(23)	4	15670	357	0.73	4.17e-07	197.2°/ 68.0°	168
20	CSX60S200 PRO (LU.(12)	2	44830	1000	0.71	5.09e-08	30.4°/ 56.8°	206

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	LED Floodlight - ... (233)	178	13100	14270	34.86	5.97e-07	185.0°/ 0.0°	145
2	LED Floodlight - ... (230)	173	13050	14120	34.62	6.01e-07	181.0°/ 0.0°	143
3	LED Floodlight - ... (228)	71	14170	6880	15.53	5.10e-07	100.0°/ 0.0°	142
4	CSX60S100 PRO (sy..(50)	113	12590	4850	12.33	6.46e-07	299.1°/ 52.7°	189
5	LED Floodlight - ... (234)	52	14850	5536	11.93	4.64e-07	101.0°/ 0.0°	143
6	CSX60S100 PRO (sy..(17)	28	22880	5541	7.75	1.96e-07	175.8°/ 50.4°	160
7	CSX60S100 PRO (sy..(18)	45	12900	2839	7.04	6.15e-07	206.1°/ 47.4°	160
8	CSX60S100 PRO (sy..(25)	77	14960	3175	6.79	4.57e-07	296.2°/ 50.4°	230
9	CSX60S100 PRO (sy..(49)	59	12500	2482	6.35	6.56e-07	265.5°/ 47.2°	190
10	CSX60S100 PRO (sy..(57)	31	19390	3142	5.18	2.72e-07	206.5°/ 47.2°	191
11	CSX60S100 PRO (sy..(26)	51	15600	2285	4.69	4.21e-07	265.9°/ 47.4°	231
12	CSX60S200 PRO (LU.(60)	8	71920	10400	4.63	1.98e-08	183.4°/ 58.6°	191
13	CSX60S200 PRO (LU.(19)	5	27000	1469	1.74	1.40e-07	172.4°/ 57.6°	160
14	CSX60S200 PRO (LU.(21)	4	23500	943	1.28	1.85e-07	175.0°/ 63.4°	160
15	CSX60S300 PRO (LU.(64)	4	27170	828	0.97	1.39e-07	192.8°/ 67.9°	191
16	CSX60S200 PRO (LU.(22)	8	10150	302	0.95	9.94e-07	228.2°/ 65.9°	160
17	CSX60S300 PRO (LU.(23)	4	13200	277	0.67	5.88e-07	197.2°/ 68.0°	160
18	CSX60S300 PRO (LU.(63)	4	17650	350	0.64	3.29e-07	207.4°/ 67.1°	191
19	CSX60S300 PRO (LU.(24)	4	10840	188	0.55	8.71e-07	216.6°/ 66.8°	160
20	CSX60S200 PRO (LU.(54)	4	12610	195	0.49	6.43e-07	309.4°/ 62.9°	189

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, li(2103.00m / 679.50m / 22.20m)

1	CSX60S100 PRO (sy..(17)	23	28630	7288	8.15	1.25e-07	175.8°/ 50.4°	160
2	CSX60S100 PRO (sy..(34)	35	12000	2668	7.11	7.11e-07	351.8°/ 56.2°	136
3	CSX60S100 PRO (sy..(10)	21	38050	8305	6.98	7.07e-08	26.1°/ 47.4°	189
4	CSX60S100 PRO (sy..(50)	59	12980	2698	6.65	6.08e-07	299.1°/ 52.7°	189
5	CSX60S100 PRO (sy..(18)	23	13740	1693	3.94	5.42e-07	206.1°/ 47.4°	160
6	CSX60S100 PRO (sy..(25)	43	15350	1854	3.87	4.35e-07	296.2°/ 50.4°	230
7	CSX60S100 PRO (sy..(57)	21	21190	2552	3.85	2.28e-07	206.5°/ 47.2°	190
8	CSX60S100 PRO (sy... (9)	25	16080	1775	3.53	3.96e-07	355.8°/ 50.4°	189
9	CSX60S100 PRO (sy..(49)	26	12930	1171	2.90	6.13e-07	265.5°/ 47.2°	189
10	LED Floodlight - ... (233)	9	20830	1717	2.64	2.36e-07	185.0°/ 0.0°	145
11	CSX60S100 PRO (sy..(26)	24	16070	1119	2.23	3.97e-07	265.9°/ 47.4°	230
12	CSX60S200 PRO (LU.(21)	4	27420	1291	1.51	1.36e-07	175.0°/ 63.4°	160
13	CSX60S300 PRO (LU.(40)	4	19060	803	1.35	2.82e-07	12.8°/ 67.9°	136
14	LED Floodlight - ... (230)	4	21280	867	1.30	2.26e-07	181.0°/ 0.0°	143
15	CSX60S300 PRO (LU.(64)	4	29930	1008	1.08	1.14e-07	192.8°/ 67.9°	191
16	CSX60S200 PRO (LU.(12)	2	57370	1945	1.08	3.11e-08	30.4°/ 56.8°	189
17	CSX60S200 PRO (LU.(19)	2	35560	1046	0.94	8.10e-08	172.4°/ 57.6°	160
18	CSX60S300 PRO (LU.(15)	4	21600	535	0.79	2.20e-07	17.2°/ 68.0°	189
19	CSX60S200 PRO (LU.(38)	4	10340	253	0.78	9.59e-07	342.6°/ 62.9°	136
20	CSX60S300 PRO (LU.(23)	4	13640	298	0.70	5.50e-07	197.2°/ 68.0°	160

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	LED Floodlight - ... (233)	145	13670	13120	30.71	5.48e-07	185.0°/ 0.0°	142
2	LED Floodlight - ... (230)	135	14050	12620	28.74	5.19e-07	181.0°/ 0.0°	143
3	LED Floodlight - ... (228)	115	13450	9572	22.78	5.66e-07	100.0°/ 0.0°	146
4	CSX60S100 PRO (sy..(34)	84	10280	6940	21.61	9.70e-07	351.8°/ 56.2°	112
5	LED Floodlight - ... (234)	98	13570	8608	20.30	5.56e-07	101.0°/ 0.0°	143
6	CSX60S100 PRO (sy..(50)	108	11850	5014	13.53	7.29e-07	299.1°/ 52.7°	172
7	CSX60S100 PRO (sy..(10)	27	30920	9844	10.19	1.07e-07	26.1°/ 47.4°	161
8	CSX60S100 PRO (sy... (9)	57	13540	3906	9.23	5.59e-07	355.8°/ 50.4°	161
9	CSX60S200 PRO (LU.(12)	13	58410	16510	9.05	3.00e-08	30.4°/ 56.8°	161
10	CSX60S100 PRO (sy..(18)	54	11150	2849	8.18	8.24e-07	206.1°/ 47.4°	151
11	CSX60S100 PRO (sy..(17)	37	15760	3930	7.98	4.12e-07	175.8°/ 50.4°	152
12	CSX60S100 PRO (sy..(25)	76	13610	3202	7.53	5.53e-07	296.2°/ 50.4°	208
13	CSX60S100 PRO (sy..(49)	64	11270	2653	7.53	8.06e-07	265.5°/ 47.2°	172
14	CSX60S100 PRO (sy..(57)	37	15450	2850	5.90	4.29e-07	206.5°/ 47.2°	173
15	CSX60S100 PRO (sy..(26)	55	13840	2392	5.53	5.35e-07	265.9°/ 47.4°	208
16	CSX60S200 PRO (LU.(36)	16	13310	2229	5.36	5.78e-07	3.4°/ 58.6°	112
17	CSX60S300 PRO (LU.(40)	9	22260	3366	4.84	2.07e-07	12.8°/ 67.9°	111
18	CSX60S200 PRO (LU.(60)	6	26140	1314	1.61	1.50e-07	183.4°/ 58.6°	173
19	CSX60S200 PRO (LU.(22)	10	9221	365	1.27	1.20e-06	228.2°/ 65.9°	151
20	CSX60S300 PRO (LU.(15)	4	19660	620	1.01	2.65e-07	17.2°/ 68.0°	161

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, lir(2077.50m / 697.00m / 22.10m)

1	CSX60S100 PRO (sy..(10)	23	55680	27300	15.69	3.30e-08	26.1°/ 47.4°	161
2	CSX60S100 PRO (sy..(34)	26	11340	2607	7.36	7.96e-07	351.8°/ 56.2°	111
3	CSX60S100 PRO (sy..(50)	50	12290	2474	6.44	6.78e-07	299.1°/ 52.7°	172
4	CSX60S100 PRO (sy..(17)	23	17600	3015	5.48	3.31e-07	175.8°/ 50.4°	151
5	CSX60S100 PRO (sy... (9)	23	14420	1836	4.07	4.92e-07	355.8°/ 50.4°	161
6	CSX60S100 PRO (sy..(57)	23	16620	2114	4.07	3.71e-07	206.5°/ 47.2°	173
7	CSX60S100 PRO (sy..(25)	40	14010	1781	4.07	5.22e-07	296.2°/ 50.4°	207
8	CSX60S100 PRO (sy..(18)	23	11760	1385	3.77	7.40e-07	206.1°/ 47.4°	151
9	CSX60S300 PRO (LU.(40)	4	35300	4147	3.76	8.22e-08	12.8°/ 67.9°	111
10	CSX60S100 PRO (sy..(49)	26	11690	1155	3.16	7.49e-07	265.5°/ 47.2°	172
11	CSX60S100 PRO (sy..(26)	25	14280	1149	2.57	5.02e-07	265.9°/ 47.4°	208
12	CSX60S300 PRO (LU.(15)	4	21320	721	1.08	2.25e-07	17.2°/ 68.0°	161
13	CSX60S200 PRO (LU.(38)	4	9325	310	1.06	1.18e-06	342.6°/ 62.9°	111
14	CSX60S200 PRO (LU.(21)	4	16530	524	1.01	3.75e-07	175.0°/ 63.4°	151
15	CSX60S200 PRO (LU.(36)	2	15790	428	0.87	4.11e-07	3.4°/ 58.6°	111
16	CSX60S300 PRO (LU.(64)	4	19540	521	0.85	2.68e-07	192.8°/ 67.9°	173
17	CSX60S200 PRO (LU.(13)	4	13150	294	0.72	5.92e-07	355.0°/ 63.4°	161
18	CSX60S200 PRO (LU.(60)	2	31330	694	0.71	1.04e-07	183.4°/ 58.6°	173
19	CSX60S300 PRO (LU.(23)	4	11260	226	0.64	8.08e-07	197.2°/ 68.0°	151
20	CSX60S300 PRO (LU.(63)	4	14500	288	0.64	4.87e-07	207.4°/ 67.1°	173

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S200 PRO (LU...(3)	20	42370	58350	44.06	5.70e-08	119.6°/ 57.6°	77
2	LED Floodlight - ... (228)	130	15040	10370	22.06	4.53e-07	100.0°/ 0.0°	166
3	LED Floodlight - ... (234)	121	14540	9842	21.66	4.84e-07	101.0°/ 0.0°	159
4	LED Floodlight - ... (233)	45	19530	7242	11.87	2.68e-07	185.0°/ 0.0°	153
5	LED Floodlight - ... (230)	43	20850	7123	10.93	2.36e-07	181.0°/ 0.0°	160
6	CSX60S100 PRO (sy..(17)	57	11870	3411	9.20	7.27e-07	175.8°/ 50.4°	151
7	CSX60S100 PRO (sy..(18)	59	10150	2591	8.17	9.94e-07	206.1°/ 47.4°	151
8	CSX60S200 PRO (LU.(22)	7	8995	244	0.87	1.27e-06	228.2°/ 65.9°	151
9	CSX60S200 PRO (LU.(21)	4	11270	245	0.69	8.06e-07	175.0°/ 63.4°	151
10	CSX60S300 PRO (LU.(23)	4	9507	162	0.55	1.13e-06	197.2°/ 68.0°	151
11	CSX60S300 PRO (LU.(24)	4	9013	146	0.52	1.26e-06	216.6°/ 66.8°	151
12	CSX60S200 PRO (LU.(19)	2	11840	130	0.35	7.31e-07	172.4°/ 57.6°	151
13	CSX60S200 PRO (LU.(20)	2	9482	83.6	0.28	1.14e-06	210.4°/ 56.8°	151
14	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
15	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
16	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
17	CSX60S100 PRO (sy... (9)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
18	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
19	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
20	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	LED Floodlight - ... (228)	80	16930	8059	15.24	3.57e-07	100.0°/ 0.0°	166
2	LED Floodlight - ... (234)	71	16500	7425	14.40	3.76e-07	101.0°/ 0.0°	159
3	CSX60S100 PRO (sy..(17)	41	12130	2595	6.85	6.96e-07	175.8°/ 50.4°	151
4	CSX60S100 PRO (sy..(18)	31	10310	1399	4.34	9.63e-07	206.1°/ 47.4°	151
5	LED Floodlight - ... (233)	11	26500	3195	3.86	1.46e-07	185.0°/ 0.0°	153
6	LED Floodlight - ... (230)	10	28250	3135	3.55	1.28e-07	181.0°/ 0.0°	160
7	CSX60S200 PRO (LU.(21)	4	11420	252	0.71	7.85e-07	175.0°/ 63.4°	151
8	CSX60S200 PRO (LU.(22)	4	9051	159	0.56	1.25e-06	228.2°/ 65.9°	151
9	CSX60S300 PRO (LU.(23)	4	9568	165	0.55	1.12e-06	197.2°/ 68.0°	151
10	CSX60S300 PRO (LU.(24)	4	9066	148	0.52	1.25e-06	216.6°/ 66.8°	151
11	CSX60S200 PRO (LU.(19)	2	12050	135	0.36	7.05e-07	172.4°/ 57.6°	151
12	CSX60S200 PRO (LU.(20)	2	9583	85.7	0.29	1.12e-06	210.4°/ 56.8°	151
13	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
14	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
15	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
16	CSX60S200 PRO (LU...(5)	--	14020	--	0.00	5.21e-07	117.0°/ 63.4°	77
17	CSX60S200 PRO (LU...(4)	--	5994	--	0.00	2.85e-06	81.6°/ 56.8°	77
18	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
20	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy..(58)	421	19260	18190	30.22	2.76e-07	171.8°/ 56.2°	290
2	LED Floodlight - ... (234)	204	30450	14650	15.40	1.10e-07	101.0°/ 0.0°	355
3	LED Floodlight - ... (228)	202	31440	14540	14.80	1.04e-07	100.0°/ 0.0°	366
4	CSX60S100 PRO (sy..(42)	46	23250	4631	6.37	1.89e-07	120.2°/ 56.2°	230
5	CSX60S100 PRO (sy..(25)	26	46290	7930	5.48	4.78e-08	296.2°/ 50.4°	261
6	CSX60S100 PRO (sy..(17)	73	21520	3092	4.60	2.21e-07	175.8°/ 50.4°	327
7	CSX60S100 PRO (sy... (1)	37	26610	3378	4.06	1.45e-07	116.2°/ 50.4°	276
8	CSX60S100 PRO (sy..(26)	40	22040	2772	4.02	2.11e-07	265.9°/ 47.4°	261
9	CSX60S100 PRO (sy..(57)	53	19090	2251	3.77	2.81e-07	206.5°/ 47.2°	290
10	CSX60S100 PRO (sy..(49)	32	28430	3008	3.39	1.27e-07	265.5°/ 47.2°	290
11	CSX60S100 PRO (sy..(18)	48	21840	2095	3.07	2.15e-07	206.1°/ 47.4°	327
12	CSX60S300 PRO (LU.(48)	5	109700	10250	2.99	8.51e-09	99.2°/ 67.9°	231
13	CSX60S200 PRO (LU.(27)	5	63150	2595	1.32	2.57e-08	299.6°/ 57.6°	261
14	CSX60S200 PRO (LU.(52)	5	69350	2514	1.16	2.13e-08	288.6°/ 58.6°	290
15	CSX60S200 PRO (LU.(29)	4	49170	1565	1.02	4.24e-08	297.0°/ 63.4°	260
16	CSX60S300 PRO (LU...(7)	4	57700	1780	0.99	3.08e-08	94.8°/ 68.0°	277
17	CSX60S200 PRO (LU.(44)	5	32810	937	0.91	9.51e-08	108.6°/ 58.6°	230
18	CSX60S300 PRO (LU.(56)	4	37010	666	0.58	7.47e-08	279.2°/ 67.9°	290
19	CSX60S200 PRO (LU.(46)	4	19410	312	0.51	2.72e-07	129.4°/ 62.9°	230
20	LED Floodlight - ... (230)	3	74200	1095	0.47	1.86e-08	181.0°/ 0.0°	355

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	LED Floodlight - ... (234)	137	33540	11960	11.41	9.10e-08	101.0°/ 0.0°	355
2	LED Floodlight - ... (228)	137	34540	11910	11.04	8.58e-08	100.0°/ 0.0°	366
3	CSX60S100 PRO (sy..(58)	110	19530	4901	8.03	2.69e-07	171.8°/ 56.2°	289
4	CSX60S100 PRO (sy..(25)	21	54350	9025	5.31	3.47e-08	296.2°/ 50.4°	260
5	CSX60S100 PRO (sy..(42)	31	24290	3354	4.42	1.74e-07	120.2°/ 56.2°	230
6	CSX60S100 PRO (sy..(17)	58	21830	2512	3.68	2.15e-07	175.8°/ 50.4°	327
7	CSX60S300 PRO (LU.(48)	3	189200	19860	3.36	2.86e-09	99.2°/ 67.9°	230
8	CSX60S100 PRO (sy... (1)	27	27640	2667	3.09	1.34e-07	116.2°/ 50.4°	276
9	CSX60S100 PRO (sy..(26)	25	22760	1833	2.58	1.98e-07	265.9°/ 47.4°	260
10	CSX60S100 PRO (sy..(49)	23	29600	2381	2.57	1.17e-07	265.5°/ 47.2°	290
11	CSX60S100 PRO (sy..(57)	26	19420	1142	1.88	2.72e-07	206.5°/ 47.2°	289
12	CSX60S100 PRO (sy..(18)	26	22190	1174	1.69	2.08e-07	206.1°/ 47.4°	326
13	CSX60S200 PRO (LU.(29)	4	55580	2006	1.15	3.31e-08	297.0°/ 63.4°	260
14	CSX60S300 PRO (LU...(7)	4	64880	2256	1.11	2.43e-08	94.8°/ 68.0°	276
15	CSX60S200 PRO (LU.(27)	2	83830	2196	0.84	1.46e-08	299.6°/ 57.6°	260
16	CSX60S200 PRO (LU.(52)	2	87170	1913	0.70	1.35e-08	288.6°/ 58.6°	290
17	CSX60S300 PRO (LU.(56)	4	38440	721	0.60	6.93e-08	279.2°/ 67.9°	290
18	CSX60S200 PRO (LU.(46)	4	19870	328	0.53	2.59e-07	129.4°/ 62.9°	230
19	CSX60S200 PRO (LU...(5)	4	25400	372	0.47	1.59e-07	117.0°/ 63.4°	276
20	CSX60S200 PRO (LU.(44)	2	35800	513	0.46	7.99e-08	108.6°/ 58.6°	230

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 2.30m) **d/m²**

1	CSX60S100 PRO (sy..(58)	1709	15370	65750	136.91	4.34e-07	171.8°/ 56.2°	245
2	CSX60S200 PRO (LU.(43)	26	157300	149300	30.36	4.14e-09	74.9°/ 56.2°	205
3	CSX60S100 PRO (sy..(42)	175	15210	9367	19.71	4.43e-07	120.2°/ 56.2°	205
4	LED Floodlight - ... (234)	207	28450	15070	16.95	1.27e-07	101.0°/ 0.0°	329
5	LED Floodlight - ... (228)	204	29650	14970	16.16	1.17e-07	100.0°/ 0.0°	342
6	CSX60S100 PRO (sy..(41)	28	30030	5833	6.22	1.14e-07	85.5°/ 47.2°	205
7	CSX60S100 PRO (sy..(17)	81	18850	3279	5.57	2.88e-07	175.8°/ 50.4°	293
8	CSX60S100 PRO (sy..(26)	34	21510	3685	5.48	2.21e-07	265.9°/ 47.4°	203
9	CSX60S100 PRO (sy... (1)	60	19990	3409	5.46	2.56e-07	116.2°/ 50.4°	261
10	CSX60S100 PRO (sy..(57)	60	16560	2673	5.17	3.73e-07	206.5°/ 47.2°	245
11	CSX60S100 PRO (sy..(49)	26	35300	5313	4.82	8.22e-08	265.5°/ 47.2°	246
12	CSX60S100 PRO (sy... (2)	27	33060	4290	4.15	9.37e-08	85.9°/ 47.4°	261
13	CSX60S100 PRO (sy..(18)	49	20470	2339	3.66	2.44e-07	206.1°/ 47.4°	293
14	CSX60S300 PRO (LU.(47)	6	31410	1384	1.41	1.04e-07	84.6°/ 67.1°	206
15	CSX60S300 PRO (LU...(8)	5	59050	2592	1.40	2.94e-08	75.4°/ 66.8°	262
16	LED Floodlight - ... (227)	9	40300	1434	1.14	6.30e-08	10.0°/ 0.0°	318
17	CSX60S300 PRO (LU.(31)	5	26440	896	1.08	1.47e-07	274.8°/ 68.0°	203
18	LED Floodlight - ... (226)	9	42390	1372	1.04	5.70e-08	9.0°/ 0.0°	333
19	CSX60S300 PRO (LU.(55)	4	32770	729	0.71	9.54e-08	264.6°/ 67.1°	245
20	CSX60S200 PRO (LU.(30)	6	14690	306	0.67	4.74e-07	243.8°/ 65.9°	203

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O(1846.55m / 848.55m / 14.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	227	15570	9006	18.50	4.22e-07	171.8°/ 56.2°	244
2	LED Floodlight - ... (234)	121	31650	10900	11.02	1.02e-07	101.0°/ 0.0°	329
3	LED Floodlight - ... (228)	121	32860	10940	10.65	9.49e-08	100.0°/ 0.0°	342
4	CSX60S100 PRO (sy..(42)	80	15560	4499	9.25	4.23e-07	120.2°/ 56.2°	204
5	CSX60S100 PRO (sy..(41)	23	34660	6312	5.83	8.53e-08	85.5°/ 47.2°	205
6	CSX60S100 PRO (sy..(17)	65	19120	2722	4.56	2.80e-07	175.8°/ 50.4°	293
7	CSX60S100 PRO (sy..(49)	22	39490	5549	4.50	6.57e-08	265.5°/ 47.2°	245
8	CSX60S100 PRO (sy..(26)	23	23020	2953	4.10	1.93e-07	265.9°/ 47.4°	203
9	CSX60S100 PRO (sy... (1)	41	20470	2468	3.86	2.44e-07	116.2°/ 50.4°	261
10	CSX60S100 PRO (sy... (2)	23	35760	4293	3.84	8.01e-08	85.9°/ 47.4°	261
11	CSX60S100 PRO (sy..(57)	26	16900	1200	2.27	3.59e-07	206.5°/ 47.2°	244
12	CSX60S100 PRO (sy..(18)	26	20860	1264	1.94	2.35e-07	206.1°/ 47.4°	293
13	CSX60S300 PRO (LU...(8)	4	69250	2876	1.33	2.14e-08	75.4°/ 66.8°	261
14	CSX60S300 PRO (LU.(47)	4	34100	1133	1.06	8.80e-08	84.6°/ 67.1°	205
15	CSX60S300 PRO (LU.(31)	4	27940	781	0.89	1.31e-07	274.8°/ 68.0°	202
16	CSX60S300 PRO (LU.(55)	4	34470	810	0.75	8.62e-08	264.6°/ 67.1°	245
17	CSX60S300 PRO (LU.(48)	4	20030	391	0.63	2.55e-07	99.2°/ 67.9°	205
18	CSX60S300 PRO (LU.(32)	4	17110	293	0.55	3.50e-07	255.4°/ 66.8°	202
19	CSX60S200 PRO (LU.(30)	4	14910	239	0.51	4.61e-07	243.8°/ 65.9°	202
20	CSX60S200 PRO (LU.(53)	4	21030	323	0.49	2.32e-07	245.2°/ 64.7°	245

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1739	15720	66640	135.63	4.14e-07	171.8°/ 56.2°	251
2	CSX60S100 PRO (sy..(42)	175	15650	9279	18.98	4.18e-07	120.2°/ 56.2°	213
3	LED Floodlight - ... (234)	205	29160	15050	16.51	1.20e-07	101.0°/ 0.0°	336
4	LED Floodlight - ... (228)	203	30370	14950	15.75	1.11e-07	100.0°/ 0.0°	349
5	CSX60S200 PRO (LU.(43)	10	90940	18340	6.45	1.24e-08	74.9°/ 56.2°	213
6	CSX60S100 PRO (sy..(41)	27	30130	5351	5.68	1.13e-07	85.5°/ 47.2°	213
7	CSX60S100 PRO (sy..(17)	81	19290	3268	5.42	2.75e-07	175.8°/ 50.4°	300
8	CSX60S100 PRO (sy..(26)	32	22990	3775	5.26	1.94e-07	265.9°/ 47.4°	208
9	CSX60S100 PRO (sy... (1)	59	20500	3347	5.23	2.44e-07	116.2°/ 50.4°	269
10	CSX60S100 PRO (sy..(49)	27	38310	6015	5.02	6.98e-08	265.5°/ 47.2°	252
11	CSX60S100 PRO (sy..(57)	58	17060	2619	4.91	3.52e-07	206.5°/ 47.2°	251
12	CSX60S100 PRO (sy... (2)	28	33510	4217	4.03	9.12e-08	85.9°/ 47.4°	269
13	CSX60S100 PRO (sy..(18)	49	21050	2360	3.59	2.31e-07	206.1°/ 47.4°	300
14	LED Floodlight - ... (227)	10	40940	1576	1.23	6.11e-08	10.0°/ 0.0°	326
15	CSX60S300 PRO (LU.(31)	6	29460	1096	1.19	1.18e-07	274.8°/ 68.0°	208
16	LED Floodlight - ... (226)	9	43040	1466	1.09	5.53e-08	9.0°/ 0.0°	340
17	CSX60S300 PRO (LU...(8)	4	56810	1819	1.02	3.17e-08	75.4°/ 66.8°	269
18	CSX60S300 PRO (LU.(47)	4	31020	880	0.91	1.06e-07	84.6°/ 67.1°	213
19	CSX60S300 PRO (LU.(55)	4	35660	837	0.75	8.05e-08	264.6°/ 67.1°	252
20	CSX60S200 PRO (LU.(30)	6	15340	295	0.62	4.35e-07	243.8°/ 65.9°	208

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 14.30m) **I cd/m²**

1	CSX60S100 PRO (sy..(58)	236	15930	9299	18.68	4.04e-07	171.8°/ 56.2°	250
2	LED Floodlight - ... (234)	121	32390	10920	10.79	9.76e-08	101.0°/ 0.0°	336
3	LED Floodlight - ... (228)	121	33600	10950	10.43	9.07e-08	100.0°/ 0.0°	349
4	CSX60S100 PRO (sy..(42)	82	16000	4550	9.10	4.00e-07	120.2°/ 56.2°	212
5	CSX60S100 PRO (sy..(41)	22	34220	5553	5.19	8.74e-08	85.5°/ 47.2°	212
6	CSX60S100 PRO (sy..(49)	23	43390	6626	4.89	5.44e-08	265.5°/ 47.2°	251
7	CSX60S100 PRO (sy..(17)	65	19560	2723	4.45	2.68e-07	175.8°/ 50.4°	300
8	CSX60S100 PRO (sy..(26)	23	24720	3241	4.19	1.68e-07	265.9°/ 47.4°	208
9	CSX60S100 PRO (sy... (1)	43	20970	2538	3.87	2.33e-07	116.2°/ 50.4°	268
10	CSX60S100 PRO (sy... (2)	23	36050	4115	3.65	7.88e-08	85.9°/ 47.4°	269
11	CSX60S100 PRO (sy..(57)	26	17410	1248	2.29	3.38e-07	206.5°/ 47.2°	250
12	CSX60S100 PRO (sy..(18)	27	21440	1329	1.98	2.23e-07	206.1°/ 47.4°	300
13	CSX60S300 PRO (LU...(8)	4	64770	2373	1.17	2.44e-08	75.4°/ 66.8°	269
14	CSX60S300 PRO (LU.(47)	4	33300	1005	0.97	9.23e-08	84.6°/ 67.1°	212
15	CSX60S300 PRO (LU.(31)	4	31450	941	0.96	1.04e-07	274.8°/ 68.0°	207
16	CSX60S300 PRO (LU.(55)	4	37740	924	0.78	7.19e-08	264.6°/ 67.1°	251
17	CSX60S300 PRO (LU.(48)	4	20350	376	0.59	2.47e-07	99.2°/ 67.9°	212
18	CSX60S300 PRO (LU.(32)	4	18060	310	0.55	3.14e-07	255.4°/ 66.8°	207
19	CSX60S200 PRO (LU.(30)	4	15580	248	0.51	4.22e-07	243.8°/ 65.9°	207
20	CSX60S200 PRO (LU.(53)	4	22000	337	0.49	2.12e-07	245.2°/ 64.7°	251

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **lx/m²**

1	CSX60S100 PRO (sy..(58)	1553	16750	59390	113.49	3.65e-07	171.8°/ 56.2°	268
2	CSX60S100 PRO (sy..(42)	162	16910	8389	15.87	3.58e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	185	31480	14190	14.42	1.03e-07	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	183	32700	14110	13.81	9.57e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(49)	25	48730	8118	5.33	4.31e-08	265.5°/ 47.2°	269
6	CSX60S100 PRO (sy..(26)	28	27750	4289	4.95	1.33e-07	265.9°/ 47.4°	223
7	CSX60S100 PRO (sy..(41)	27	31570	4853	4.92	1.03e-07	85.5°/ 47.2°	232
8	CSX60S200 PRO (LU.(43)	12	69100	10610	4.91	2.14e-08	74.9°/ 56.2°	232
9	CSX60S100 PRO (sy..(17)	77	20520	3139	4.90	2.43e-07	175.8°/ 50.4°	318
10	CSX60S100 PRO (sy... (1)	55	21920	3109	4.54	2.13e-07	116.2°/ 50.4°	289
11	CSX60S100 PRO (sy..(57)	50	18470	2310	4.00	3.00e-07	206.5°/ 47.2°	267
12	CSX60S100 PRO (sy... (2)	28	35340	4015	3.64	8.20e-08	85.9°/ 47.4°	289
13	CSX60S100 PRO (sy..(18)	42	22630	2097	2.97	2.00e-07	206.1°/ 47.4°	318
14	CSX60S300 PRO (LU.(31)	4	41410	1419	1.10	5.97e-08	274.8°/ 68.0°	222
15	LED Floodlight - ... (227)	9	44120	1383	1.00	5.26e-08	10.0°/ 0.0°	345
16	LED Floodlight - ... (226)	8	46290	1287	0.89	4.78e-08	9.0°/ 0.0°	360
17	CSX60S300 PRO (LU...(8)	4	55560	1508	0.87	3.32e-08	75.4°/ 66.8°	289
18	CSX60S300 PRO (LU.(55)	4	45220	1162	0.82	5.01e-08	264.6°/ 67.1°	268
19	CSX60S300 PRO (LU.(47)	4	31470	749	0.76	1.03e-07	84.6°/ 67.1°	233
20	CSX60S300 PRO (LU.(32)	4	20350	343	0.54	2.47e-07	255.4°/ 66.8°	222

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	437	16850	16950	32.20	3.61e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy..(42)	118	17080	6231	11.67	3.51e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	140	33070	11840	11.46	9.36e-08	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	140	34290	11840	11.05	8.71e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(49)	23	52780	8666	5.25	3.68e-08	265.5°/ 47.2°	268
6	CSX60S100 PRO (sy..(41)	24	33170	4839	4.67	9.31e-08	85.5°/ 47.2°	232
7	CSX60S100 PRO (sy..(17)	72	20650	2960	4.59	2.40e-07	175.8°/ 50.4°	318
8	CSX60S100 PRO (sy..(26)	24	28950	3992	4.41	1.22e-07	265.9°/ 47.4°	222
9	CSX60S100 PRO (sy... (1)	48	22150	2749	3.97	2.09e-07	116.2°/ 50.4°	289
10	CSX60S100 PRO (sy... (2)	24	36460	3662	3.21	7.70e-08	85.9°/ 47.4°	289
11	CSX60S100 PRO (sy..(57)	33	18650	1548	2.66	2.94e-07	206.5°/ 47.2°	267
12	CSX60S100 PRO (sy..(18)	30	22830	1535	2.15	1.96e-07	206.1°/ 47.4°	318
13	CSX60S200 PRO (LU.(43)	3	87730	4258	1.55	1.33e-08	74.9°/ 56.2°	232
14	CSX60S300 PRO (LU.(31)	4	43680	1584	1.16	5.37e-08	274.8°/ 68.0°	222
15	CSX60S300 PRO (LU...(8)	4	58190	1657	0.91	3.02e-08	75.4°/ 66.8°	289
16	CSX60S300 PRO (LU.(55)	4	46940	1254	0.85	4.65e-08	264.6°/ 67.1°	268
17	CSX60S300 PRO (LU.(47)	4	32320	792	0.78	9.80e-08	84.6°/ 67.1°	232
18	CSX60S300 PRO (LU.(32)	4	20590	352	0.55	2.42e-07	255.4°/ 66.8°	222
19	CSX60S300 PRO (LU.(48)	4	21260	343	0.52	2.26e-07	99.2°/ 67.9°	232
20	CSX60S200 PRO (LU.(30)	4	17340	268	0.49	3.40e-07	243.8°/ 65.9°	222

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	1547	16680	59070	113.29	3.68e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy..(42)	168	16820	8638	16.43	3.62e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	185	31510	14200	14.42	1.03e-07	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	183	32730	14120	13.80	9.56e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(49)	25	50490	8531	5.41	4.02e-08	265.5°/ 47.2°	268
6	CSX60S100 PRO (sy..(26)	28	28150	4409	5.01	1.29e-07	265.9°/ 47.4°	221
7	CSX60S100 PRO (sy..(17)	77	20490	3136	4.90	2.44e-07	175.8°/ 50.4°	318
8	CSX60S100 PRO (sy..(41)	27	30830	4680	4.86	1.08e-07	85.5°/ 47.2°	232
9	CSX60S100 PRO (sy... (1)	56	21840	3144	4.61	2.15e-07	116.2°/ 50.4°	289
10	CSX60S100 PRO (sy..(57)	50	18460	2345	4.06	3.00e-07	206.5°/ 47.2°	267
11	CSX60S100 PRO (sy... (2)	28	34820	3897	3.58	8.45e-08	85.9°/ 47.4°	289
12	CSX60S100 PRO (sy..(18)	43	22660	2123	3.00	1.99e-07	206.1°/ 47.4°	317
13	CSX60S200 PRO (LU.(43)	5	61270	3406	1.78	2.73e-08	74.9°/ 56.2°	232
14	CSX60S300 PRO (LU.(31)	4	43740	1623	1.19	5.35e-08	274.8°/ 68.0°	221
15	LED Floodlight - ... (227)	10	43780	1506	1.10	5.34e-08	10.0°/ 0.0°	345
16	LED Floodlight - ... (226)	9	45950	1400	0.97	4.85e-08	9.0°/ 0.0°	360
17	CSX60S300 PRO (LU.(55)	4	47030	1264	0.86	4.63e-08	264.6°/ 67.1°	268
18	CSX60S300 PRO (LU...(8)	4	53020	1371	0.83	3.64e-08	75.4°/ 66.8°	290
19	CSX60S300 PRO (LU.(47)	4	30550	714	0.75	1.10e-07	84.6°/ 67.1°	233
20	CSX60S300 PRO (LU.(32)	4	20500	352	0.55	2.44e-07	255.4°/ 66.8°	221

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy..(58)	432	16780	16710	31.86	3.63e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy..(42)	121	16980	6317	11.90	3.55e-07	120.2°/ 56.2°	232
3	LED Floodlight - ... (234)	140	33100	11850	11.46	9.35e-08	101.0°/ 0.0°	355
4	LED Floodlight - ... (228)	140	34330	11850	11.05	8.69e-08	100.0°/ 0.0°	368
5	CSX60S100 PRO (sy..(49)	23	55090	9333	5.42	3.37e-08	265.5°/ 47.2°	268
6	CSX60S100 PRO (sy..(41)	25	32310	4669	4.62	9.81e-08	85.5°/ 47.2°	232
7	CSX60S100 PRO (sy..(17)	72	20630	2955	4.58	2.41e-07	175.8°/ 50.4°	317
8	CSX60S100 PRO (sy..(26)	23	29440	4050	4.40	1.18e-07	265.9°/ 47.4°	221
9	CSX60S100 PRO (sy... (1)	48	22060	2753	3.99	2.10e-07	116.2°/ 50.4°	289
10	CSX60S100 PRO (sy... (2)	24	35890	3682	3.28	7.95e-08	85.9°/ 47.4°	289
11	CSX60S100 PRO (sy..(57)	33	18640	1599	2.74	2.95e-07	206.5°/ 47.2°	266
12	CSX60S100 PRO (sy..(18)	31	22860	1576	2.21	1.96e-07	206.1°/ 47.4°	317
13	CSX60S200 PRO (LU.(43)	3	73100	2947	1.29	1.92e-08	74.9°/ 56.2°	232
14	CSX60S300 PRO (LU.(31)	4	46510	1814	1.25	4.73e-08	274.8°/ 68.0°	221
15	CSX60S300 PRO (LU.(55)	4	48990	1374	0.90	4.27e-08	264.6°/ 67.1°	267
16	CSX60S300 PRO (LU...(8)	4	55280	1493	0.86	3.35e-08	75.4°/ 66.8°	289
17	CSX60S300 PRO (LU.(47)	4	31320	744	0.76	1.04e-07	84.6°/ 67.1°	232
18	CSX60S300 PRO (LU.(32)	4	20750	361	0.56	2.38e-07	255.4°/ 66.8°	221
19	CSX60S300 PRO (LU.(48)	4	20990	335	0.51	2.32e-07	99.2°/ 67.9°	232
20	CSX60S200 PRO (LU.(30)	4	17390	272	0.50	3.39e-07	243.8°/ 65.9°	221

I(p) IO 12 Schwarzkehlchenweg 12 E((1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(58)	1414	18250	53740	94.25	3.08e-07	171.8°/ 56.2°	292
2	CSX60S300 PRO (LU.(31)	6	210200	45090	6.86	2.32e-09	274.8°/ 68.0°	244
3	CSX60S100 PRO (sy..(49)	24	77100	16300	6.76	1.72e-08	265.5°/ 47.2°	294
4	CSX60S100 PRO (sy..(26)	26	37580	6041	5.14	7.25e-08	265.9°/ 47.4°	245
5	CSX60S100 PRO (sy..(57)	45	20580	2180	3.39	2.42e-07	206.5°/ 47.2°	292
6	CSX60S300 PRO (LU.(55)	4	73900	2598	1.13	1.88e-08	264.6°/ 67.1°	293
7	CSX60S300 PRO (LU.(32)	4	25240	437	0.55	1.61e-07	255.4°/ 66.8°	244
8	CSX60S200 PRO (LU.(30)	4	20360	305	0.48	2.47e-07	243.8°/ 65.9°	244
9	CSX60S200 PRO (LU.(53)	4	28550	416	0.47	1.26e-07	245.2°/ 64.7°	293
10	CSX60S200 PRO (LU.(28)	3	30920	423	0.44	1.07e-07	261.6°/ 56.8°	245
11	CSX60S200 PRO (LU.(61)	4	24490	309	0.40	1.71e-07	236.8°/ 64.7°	292
12	CSX60S200 PRO (LU.(51)	2	38160	358	0.30	7.03e-08	254.9°/ 56.2°	293
13	CSX60S200 PRO (LU.(62)	4	17910	165	0.29	3.19e-07	162.6°/ 62.9°	292
14	CSX60S300 PRO (LU.(63)	4	18690	168	0.29	2.93e-07	207.4°/ 67.1°	292
15	CSX60S300 PRO (LU.(64)	4	17670	150	0.27	3.28e-07	192.8°/ 67.9°	292
16	CSX60S200 PRO (LU.(59)	2	20720	106	0.16	2.38e-07	217.1°/ 56.2°	292
17	CSX60S200 PRO (LU.(60)	2	18040	80.6	0.14	3.15e-07	183.4°/ 58.6°	292
18	CSX60S100 PRO (sy..(18)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 12 Schwarzkehlchenweg 12 O((1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy..(58)	491	18350	18910	32.98	3.04e-07	171.8°/ 56.2°	292
2	CSX60S100 PRO (sy..(42)	124	18830	6290	10.69	2.89e-07	120.2°/ 56.2°	261
3	LED Floodlight - ... (234)	139	35860	11910	10.63	7.96e-08	101.0°/ 0.0°	383
4	LED Floodlight - ... (228)	140	37090	11920	10.28	7.44e-08	100.0°/ 0.0°	396
5	CSX60S100 PRO (sy..(49)	23	91260	22120	7.76	1.23e-08	265.5°/ 47.2°	293
6	CSX60S100 PRO (sy..(26)	24	39940	6194	4.96	6.42e-08	265.9°/ 47.4°	244
7	CSX60S100 PRO (sy..(17)	70	22430	2908	4.15	2.04e-07	175.8°/ 50.4°	345
8	CSX60S100 PRO (sy..(41)	24	34040	3992	3.75	8.84e-08	85.5°/ 47.2°	261
9	CSX60S100 PRO (sy... (1)	48	24070	2681	3.56	1.77e-07	116.2°/ 50.4°	319
10	CSX60S300 PRO (LU.(31)	3	205400	21170	3.30	2.43e-09	274.8°/ 68.0°	244
11	CSX60S100 PRO (sy... (2)	25	38180	3463	2.90	7.02e-08	85.9°/ 47.4°	319
12	CSX60S100 PRO (sy..(57)	32	20770	1574	2.42	2.37e-07	206.5°/ 47.2°	292
13	CSX60S100 PRO (sy..(18)	30	25170	1586	2.02	1.62e-07	206.1°/ 47.4°	344
14	CSX60S300 PRO (LU.(55)	4	80150	3061	1.22	1.59e-08	264.6°/ 67.1°	293
15	CSX60S300 PRO (LU...(8)	4	54800	1207	0.70	3.41e-08	75.4°/ 66.8°	319
16	CSX60S300 PRO (LU.(47)	4	32520	633	0.62	9.68e-08	84.6°/ 67.1°	261
17	CSX60S200 PRO (LU.(43)	2	60360	1130	0.60	2.81e-08	74.9°/ 56.2°	261
18	CSX60S300 PRO (LU.(32)	4	25590	450	0.56	1.56e-07	255.4°/ 66.8°	244
19	CSX60S200 PRO (LU.(30)	4	20540	311	0.48	2.43e-07	243.8°/ 65.9°	244
20	CSX60S200 PRO (LU.(53)	4	28880	426	0.47	1.23e-07	245.2°/ 64.7°	293

I(p) IO 13 Schwarzkehlchenweg 28 E((1748.74m / 919.17m / 3.70m)²

1	CSX60S100 PRO (sy..(58)	1143	21540	43460	64.57	2.21e-07	171.8°/ 56.2°	345
2	CSX60S100 PRO (sy..(42)	185	22420	8935	12.75	2.04e-07	120.2°/ 56.2°	319
3	LED Floodlight - ... (234)	173	39850	13880	11.15	6.45e-08	101.0°/ 0.0°	439
4	LED Floodlight - ... (228)	172	41080	13840	10.78	6.07e-08	100.0°/ 0.0°	453
5	CSX60S100 PRO (sy..(26)	25	81870	18890	7.38	1.53e-08	265.9°/ 47.4°	294
6	CSX60S100 PRO (sy..(17)	74	25970	3064	3.78	1.52e-07	175.8°/ 50.4°	399
7	CSX60S100 PRO (sy... (1)	55	27890	2941	3.37	1.32e-07	116.2°/ 50.4°	377
8	CSX60S100 PRO (sy..(41)	27	37490	3624	3.09	7.29e-08	85.5°/ 47.2°	319
9	CSX60S100 PRO (sy..(57)	40	25040	2075	2.65	1.63e-07	206.5°/ 47.2°	345
10	CSX60S100 PRO (sy... (2)	25	42270	3036	2.30	5.73e-08	85.9°/ 47.4°	377
11	CSX60S100 PRO (sy..(18)	37	29670	1987	2.14	1.16e-07	206.1°/ 47.4°	399
12	LED Floodlight - ... (227)	15	51990	2130	1.31	3.79e-08	10.0°/ 0.0°	431
13	LED Floodlight - ... (226)	14	54290	1989	1.17	3.47e-08	9.0°/ 0.0°	446
14	CSX60S200 PRO (LU.(28)	4	53760	1459	0.87	3.54e-08	261.6°/ 56.8°	294
15	CSX60S300 PRO (LU.(32)	4	38190	691	0.58	7.02e-08	255.4°/ 66.8°	294
16	CSX60S300 PRO (LU...(8)	4	56190	905	0.52	3.24e-08	75.4°/ 66.8°	378
17	CSX60S300 PRO (LU.(47)	4	35730	511	0.46	8.02e-08	84.6°/ 67.1°	320
18	CSX60S200 PRO (LU.(53)	4	38230	536	0.45	7.01e-08	245.2°/ 64.7°	346
19	CSX60S200 PRO (LU.(30)	4	27740	391	0.45	1.33e-07	243.8°/ 65.9°	294
20	CSX60S200 PRO (LU.(61)	4	31480	366	0.37	1.03e-07	236.8°/ 64.7°	345

I(p) IO 13 Schwarzkehlchenweg 28 O((1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy..(58)	403	21640	15480	22.89	2.19e-07	171.8°/ 56.2°	345
2	LED Floodlight - ... (234)	136	41530	11860	9.14	5.94e-08	101.0°/ 0.0°	439
3	LED Floodlight - ... (228)	136	42760	11840	8.86	5.60e-08	100.0°/ 0.0°	453
4	CSX60S100 PRO (sy..(42)	121	22580	5937	8.42	2.01e-07	120.2°/ 56.2°	319
5	CSX60S100 PRO (sy..(26)	23	99290	26080	8.41	1.04e-08	265.9°/ 47.4°	294
6	CSX60S100 PRO (sy..(17)	70	26110	2906	3.56	1.50e-07	175.8°/ 50.4°	399
7	CSX60S100 PRO (sy... (1)	49	28100	2649	3.02	1.30e-07	116.2°/ 50.4°	377
8	CSX60S100 PRO (sy..(41)	25	38480	3564	2.96	6.92e-08	85.5°/ 47.2°	319
9	CSX60S100 PRO (sy... (2)	23	43130	2987	2.22	5.51e-08	85.9°/ 47.4°	377
10	CSX60S100 PRO (sy..(57)	30	25250	1556	1.97	1.61e-07	206.5°/ 47.2°	345
11	CSX60S100 PRO (sy..(18)	28	29910	1552	1.66	1.14e-07	206.1°/ 47.4°	399
12	LED Floodlight - ... (227)	6	56160	1053	0.60	3.25e-08	10.0°/ 0.0°	431
13	CSX60S300 PRO (LU.(32)	4	38940	720	0.59	6.75e-08	255.4°/ 66.8°	294
14	CSX60S300 PRO (LU...(8)	4	57350	944	0.53	3.11e-08	75.4°/ 66.8°	377
15	LED Floodlight - ... (226)	6	58570	977	0.53	2.98e-08	9.0°/ 0.0°	446
16	CSX60S300 PRO (LU.(47)	4	36190	526	0.46	7.82e-08	84.6°/ 67.1°	319
17	CSX60S200 PRO (LU.(30)	4	28020	400	0.46	1.30e-07	243.8°/ 65.9°	294
18	CSX60S200 PRO (LU.(28)	2	56990	796	0.45	3.15e-08	261.6°/ 56.8°	294
19	CSX60S200 PRO (LU.(53)	4	38730	551	0.45	6.83e-08	245.2°/ 64.7°	346
20	CSX60S200 PRO (LU.(61)	4	31750	373	0.38	1.02e-07	236.8°/ 64.7°	345

I(p) IO 14 Schwarzkehlchenweg 30 E((1699.30m / 952.79m / 2.90m)²

1	CSX60S100 PRO (sy..(58)	804	25000	30700	39.29	1.64e-07	171.8°/ 56.2°	400
2	CSX60S100 PRO (sy..(42)	192	26230	9025	11.01	1.49e-07	120.2°/ 56.2°	378
3	LED Floodlight - ... (234)	168	45430	13760	9.69	4.96e-08	101.0°/ 0.0°	496
4	LED Floodlight - ... (228)	168	46650	13740	9.42	4.71e-08	100.0°/ 0.0°	510
5	CSX60S100 PRO (sy..(17)	73	29760	3052	3.28	1.16e-07	175.8°/ 50.4°	455
6	CSX60S100 PRO (sy... (1)	54	31950	2845	2.85	1.00e-07	116.2°/ 50.4°	436
7	CSX60S100 PRO (sy..(41)	24	42480	3019	2.27	5.68e-08	85.5°/ 47.2°	378
8	CSX60S100 PRO (sy..(57)	37	29740	2002	2.15	1.16e-07	206.5°/ 47.2°	400
9	CSX60S100 PRO (sy... (2)	25	47440	2890	1.95	4.55e-08	85.9°/ 47.4°	436
10	CSX60S100 PRO (sy..(18)	33	34560	1875	1.74	8.57e-08	206.1°/ 47.4°	455
11	LED Floodlight - ... (227)	20	57440	2653	1.48	3.10e-08	10.0°/ 0.0°	489
12	CSX60S200 PRO (LU.(28)	4	132800	5914	1.43	5.81e-09	261.6°/ 56.8°	347
13	LED Floodlight - ... (226)	18	59810	2427	1.30	2.86e-08	9.0°/ 0.0°	504
14	CSX60S200 PRO (LU.(45)	2	238400	9106	1.22	1.80e-09	65.2°/ 64.7°	378
15	CSX60S300 PRO (LU.(32)	4	59050	1188	0.64	2.94e-08	255.4°/ 66.8°	347
16	CSX60S200 PRO (LU...(6)	1	231900	4037	0.56	1.90e-09	63.8°/ 65.9°	436
17	CSX60S200 PRO (LU.(51)	3	91120	1453	0.51	1.23e-08	254.9°/ 56.2°	401
18	CSX60S200 PRO (LU.(53)	4	49940	682	0.44	4.11e-08	245.2°/ 64.7°	401
19	CSX60S200 PRO (LU.(30)	4	36770	494	0.43	7.57e-08	243.8°/ 65.9°	347
20	CSX60S300 PRO (LU...(8)	4	60500	786	0.42	2.80e-08	75.4°/ 66.8°	436

I(p) IO 14 Schwarzkehlchenweg 30 O((1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy..(58)	383	25110	14750	18.80	1.62e-07	171.8°/ 56.2°	400
2	LED Floodlight - ... (234)	137	47140	12040	8.17	4.61e-08	101.0°/ 0.0°	496
3	LED Floodlight - ... (228)	137	48360	12040	7.97	4.38e-08	100.0°/ 0.0°	510
4	CSX60S100 PRO (sy..(42)	120	26380	5721	6.94	1.47e-07	120.2°/ 56.2°	377
5	CSX60S100 PRO (sy..(17)	67	29900	2825	3.02	1.15e-07	175.8°/ 50.4°	455
6	CSX60S100 PRO (sy... (1)	49	32160	2611	2.60	9.90e-08	116.2°/ 50.4°	436
7	CSX60S100 PRO (sy..(41)	23	43340	3011	2.22	5.45e-08	85.5°/ 47.2°	378
8	CSX60S100 PRO (sy... (2)	23	48220	2780	1.85	4.40e-08	85.9°/ 47.4°	436
9	CSX60S100 PRO (sy..(57)	28	29980	1554	1.66	1.14e-07	206.5°/ 47.2°	399
10	CSX60S100 PRO (sy..(18)	28	34810	1571	1.44	8.45e-08	206.1°/ 47.4°	455
11	CSX60S200 PRO (LU.(28)	2	173800	5325	0.98	3.39e-09	261.6°/ 56.8°	347
12	LED Floodlight - ... (227)	8	61220	1290	0.67	2.73e-08	10.0°/ 0.0°	489
13	CSX60S300 PRO (LU.(32)	4	60840	1262	0.66	2.77e-08	255.4°/ 66.8°	346
14	LED Floodlight - ... (226)	7	63700	1148	0.58	2.52e-08	9.0°/ 0.0°	504
15	CSX60S200 PRO (LU.(30)	4	37180	506	0.44	7.41e-08	243.8°/ 65.9°	346
16	CSX60S200 PRO (LU.(53)	4	50670	703	0.44	3.99e-08	245.2°/ 64.7°	401
17	CSX60S300 PRO (LU...(8)	4	61430	811	0.42	2.71e-08	75.4°/ 66.8°	436
18	CSX60S200 PRO (LU.(51)	2	97590	1255	0.41	1.08e-08	254.9°/ 56.2°	401
19	CSX60S300 PRO (LU.(47)	4	40460	469	0.37	6.25e-08	84.6°/ 67.1°	378
20	CSX60S200 PRO (LU.(61)	4	39680	434	0.35	6.50e-08	236.8°/ 64.7°	399

I(p) IO 15 Schwarzkehlchenweg 44 E((1658.55m / 980.45m / 2.60m)²

1	CSX60S100 PRO (sy..(58)	677	27960	26010	29.77	1.31e-07	171.8°/ 56.2°	446
2	CSX60S100 PRO (sy..(42)	188	29410	8745	9.52	1.18e-07	120.2°/ 56.2°	426
3	LED Floodlight - ... (234)	163	50190	13560	8.65	4.06e-08	101.0°/ 0.0°	543
4	LED Floodlight - ... (228)	164	51400	13580	8.45	3.88e-08	100.0°/ 0.0°	557
5	CSX60S200 PRO (LU...(6)	4	558100	58160	3.33	3.29e-10	63.8°/ 65.9°	485
6	CSX60S100 PRO (sy..(17)	70	32950	2960	2.87	9.43e-08	175.8°/ 50.4°	502
7	CSX60S100 PRO (sy... (1)	54	35330	2794	2.53	8.20e-08	116.2°/ 50.4°	485
8	CSX60S100 PRO (sy..(41)	25	46810	2963	2.03	4.67e-08	85.5°/ 47.2°	426
9	CSX60S200 PRO (LU.(45)	4	246800	14720	1.91	1.68e-09	65.2°/ 64.7°	426
10	CSX60S100 PRO (sy..(57)	33	33780	1862	1.76	8.97e-08	206.5°/ 47.2°	446
11	CSX60S100 PRO (sy... (2)	25	51840	2738	1.69	3.81e-08	85.9°/ 47.4°	485
12	CSX60S100 PRO (sy..(18)	32	38700	1858	1.54	6.84e-08	206.1°/ 47.4°	502
13	LED Floodlight - ... (227)	22	62260	2870	1.48	2.64e-08	10.0°/ 0.0°	537
14	LED Floodlight - ... (226)	20	64680	2710	1.34	2.45e-08	9.0°/ 0.0°	552
15	CSX60S200 PRO (LU.(51)	3	153600	3706	0.77	4.34e-09	254.9°/ 56.2°	447
16	CSX60S300 PRO (LU.(32)	4	90030	2163	0.77	1.26e-08	255.4°/ 66.8°	392
17	CSX60S200 PRO (LU.(53)	4	61400	829	0.43	2.72e-08	245.2°/ 64.7°	447
18	CSX60S200 PRO (LU.(30)	4	45530	594	0.42	4.94e-08	243.8°/ 65.9°	392
19	CSX60S300 PRO (LU...(8)	4	64640	726	0.36	2.45e-08	75.4°/ 66.8°	485
20	CSX60S200 PRO (LU.(61)	4	46430	477	0.33	4.75e-08	236.8°/ 64.7°	445

I(p) IO 15 Schwarzkehlchenweg 44 O((1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy..(58)	340	28060	13170	15.02	1.30e-07	171.8°/ 56.2°	446
2	LED Floodlight - ... (234)	135	51940	12020	7.40	3.80e-08	101.0°/ 0.0°	543
3	LED Floodlight - ... (228)	136	53140	12050	7.26	3.63e-08	100.0°/ 0.0°	557
4	CSX60S100 PRO (sy..(42)	120	29550	5636	6.10	1.17e-07	120.2°/ 56.2°	426
5	CSX60S200 PRO (LU.(45)	4	393600	37470	3.05	6.61e-10	65.2°/ 64.7°	426
6	CSX60S200 PRO (LU...(6)	4	554900	49180	2.84	3.33e-10	63.8°/ 65.9°	485
7	CSX60S100 PRO (sy..(17)	66	33100	2815	2.72	9.35e-08	175.8°/ 50.4°	502
8	CSX60S100 PRO (sy... (1)	50	35530	2623	2.36	8.11e-08	116.2°/ 50.4°	484
9	CSX60S100 PRO (sy..(41)	24	47610	2873	1.93	4.52e-08	85.5°/ 47.2°	426
10	CSX60S100 PRO (sy... (2)	23	52580	2690	1.64	3.70e-08	85.9°/ 47.4°	485
11	CSX60S100 PRO (sy..(57)	27	34030	1547	1.45	8.84e-08	206.5°/ 47.2°	446
12	CSX60S100 PRO (sy..(18)	28	38970	1621	1.33	6.74e-08	206.1°/ 47.4°	502
13	LED Floodlight - ... (227)	12	65850	1775	0.86	2.36e-08	10.0°/ 0.0°	537
14	CSX60S300 PRO (LU.(32)	4	94620	2392	0.81	1.14e-08	255.4°/ 66.8°	391
15	LED Floodlight - ... (226)	10	68380	1539	0.72	2.19e-08	9.0°/ 0.0°	552
16	CSX60S200 PRO (LU.(51)	2	179000	3399	0.61	3.19e-09	254.9°/ 56.2°	447
17	CSX60S200 PRO (LU.(53)	4	62390	857	0.44	2.63e-08	245.2°/ 64.7°	447
18	CSX60S200 PRO (LU.(30)	4	46080	609	0.42	4.82e-08	243.8°/ 65.9°	391
19	CSX60S300 PRO (LU...(8)	4	65460	746	0.36	2.39e-08	75.4°/ 66.8°	485
20	CSX60S200 PRO (LU.(61)	4	46840	486	0.33	4.67e-08	236.8°/ 64.7°	445

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy... (1)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy..(42)	202	31330	7872	8.04	1.04e-07	120.2°/ 56.2°	495
2	CSX60S100 PRO (sy..(58)	93	33390	4476	4.29	9.19e-08	171.8°/ 56.2°	475
3	LED Floodlight - ... (227)	65	58760	6429	3.50	2.97e-08	10.0°/ 0.0°	583
4	LED Floodlight - ... (226)	62	60750	6196	3.26	2.78e-08	9.0°/ 0.0°	598
5	CSX60S100 PRO (sy... (1)	60	36500	2549	2.23	7.69e-08	116.2°/ 50.4°	552
6	CSX60S100 PRO (sy..(17)	43	39730	2324	1.87	6.49e-08	175.8°/ 50.4°	534
7	CSX60S100 PRO (sy..(57)	23	55700	3144	1.81	3.30e-08	206.5°/ 47.2°	475
8	CSX60S100 PRO (sy..(18)	22	60490	2779	1.47	2.80e-08	206.1°/ 47.4°	534
9	CSX60S100 PRO (sy..(41)	26	38090	1487	1.25	7.06e-08	85.5°/ 47.2°	496
10	CSX60S100 PRO (sy... (2)	25	42950	1456	1.08	5.55e-08	85.9°/ 47.4°	552
11	CSX60S300 PRO (LU.(16)	4	113800	2718	0.76	7.90e-09	36.6°/ 66.8°	442
12	CSX60S200 PRO (LU.(35)	2	222200	4234	0.61	2.07e-09	37.1°/ 56.2°	497
13	CSX60S200 PRO (LU.(37)	4	69860	868	0.40	2.10e-08	46.8°/ 64.7°	497
14	CSX60S200 PRO (LU.(14)	4	52760	627	0.38	3.68e-08	48.2°/ 65.9°	442
15	CSX60S300 PRO (LU.(24)	4	77470	862	0.36	1.71e-08	216.6°/ 66.8°	534
16	CSX60S300 PRO (LU.(63)	4	51360	479	0.30	3.88e-08	207.4°/ 67.1°	475
17	CSX60S200 PRO (LU.(45)	4	43000	330	0.25	5.54e-08	65.2°/ 64.7°	496
18	CSX60S200 PRO (LU.(59)	2	78470	578	0.24	1.66e-08	217.1°/ 56.2°	475
19	CSX60S200 PRO (LU...(6)	4	50590	369	0.23	4.00e-08	63.8°/ 65.9°	552
20	CSX60S300 PRO (LU.(64)	4	38720	273	0.23	6.83e-08	192.8°/ 67.9°	474

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy... (1)	--	30360000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	30360000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	30360000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	30360000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	30360000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	30360000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	30360000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	30360000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	30360000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	30360000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	30360000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	30360000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	30360000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	30360000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	30360000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	30360000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	30360000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	30360000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	30360000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	30360000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy... (1)	--	30360000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	30360000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	30360000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	30360000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	30360000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	30360000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	30360000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	30360000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	30360000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	30360000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	30360000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	30360000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	30360000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	30360000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	30360000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	30360000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	30360000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	30360000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	30360000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	30360000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy..(42)	1574	59550	59680	96.20	2.60e-07	120.2°/ 56.2°	319
2	CSX60S100 PRO (sy..(10)	28	581600	142800	23.57	2.72e-09	26.1°/ 47.4°	266
3	CSX60S100 PRO (sy..(58)	297	60830	13430	21.20	2.49e-07	171.8°/ 56.2°	298
4	LED Floodlight - ... (234)	96	128000	10480	7.86	5.63e-08	101.0°/ 0.0°	402
5	LED Floodlight - ... (228)	99	131400	10690	7.81	5.34e-08	100.0°/ 0.0°	417
6	LED Floodlight - ... (227)	106	113700	9070	7.66	7.13e-08	10.0°/ 0.0°	405
7	LED Floodlight - ... (226)	100	119100	8689	7.00	6.49e-08	9.0°/ 0.0°	421
8	CSX60S100 PRO (sy... (1)	75	73070	3120	4.10	1.73e-07	116.2°/ 50.4°	374
9	CSX60S100 PRO (sy..(17)	61	76940	3059	3.82	1.56e-07	175.8°/ 50.4°	357
10	CSX60S100 PRO (sy..(57)	28	93870	3060	3.13	1.05e-07	206.5°/ 47.2°	298
11	CSX60S100 PRO (sy..(41)	43	70520	2277	3.10	1.85e-07	85.5°/ 47.2°	319
12	CSX60S100 PRO (sy..(18)	28	110100	2844	2.48	7.60e-08	206.1°/ 47.4°	357
13	CSX60S100 PRO (sy... (2)	39	84840	2155	2.44	1.28e-07	85.9°/ 47.4°	374
14	CSX60S200 PRO (LU.(22)	4	362900	5045	1.33	7.00e-09	228.2°/ 65.9°	357
15	CSX60S200 PRO (LU.(12)	4	195800	2523	1.24	2.40e-08	30.4°/ 56.8°	266
16	CSX60S300 PRO (LU.(16)	4	120300	927	0.74	6.37e-08	36.6°/ 66.8°	266
17	CSX60S200 PRO (LU.(35)	4	199900	1545	0.74	2.31e-08	37.1°/ 56.2°	320
18	CSX60S200 PRO (LU.(14)	4	80590	447	0.53	1.42e-07	48.2°/ 65.9°	266
19	CSX60S200 PRO (LU.(37)	4	116600	649	0.53	6.77e-08	46.8°/ 64.7°	320
20	CSX60S300 PRO (LU.(24)	4	133600	638	0.46	5.16e-08	216.6°/ 66.8°	357

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy..(42)	504	59850	19320	30.99	2.57e-07	120.2°/ 56.2°	318
2	CSX60S100 PRO (sy..(58)	171	61230	7878	12.35	2.46e-07	171.8°/ 56.2°	297
3	CSX60S100 PRO (sy..(10)	12	483600	44660	8.87	3.94e-09	26.1°/ 47.4°	266
4	LED Floodlight - ... (228)	75	139400	9152	6.30	4.74e-08	100.0°/ 0.0°	417
5	LED Floodlight - ... (234)	72	136200	8946	6.30	4.96e-08	101.0°/ 0.0°	402
6	LED Floodlight - ... (227)	75	119200	7071	5.69	6.48e-08	10.0°/ 0.0°	405
7	LED Floodlight - ... (226)	71	124800	6779	5.21	5.91e-08	9.0°/ 0.0°	420
8	CSX60S100 PRO (sy... (1)	70	73490	2939	3.84	1.71e-07	116.2°/ 50.4°	374
9	CSX60S100 PRO (sy..(17)	54	77510	2758	3.42	1.53e-07	175.8°/ 50.4°	357
10	CSX60S100 PRO (sy..(57)	25	95950	2781	2.78	1.00e-07	206.5°/ 47.2°	298
11	CSX60S100 PRO (sy..(41)	32	71190	1713	2.31	1.82e-07	85.5°/ 47.2°	319
12	CSX60S100 PRO (sy..(18)	24	112100	2565	2.20	7.34e-08	206.1°/ 47.4°	357
13	CSX60S100 PRO (sy... (2)	30	85570	1679	1.88	1.26e-07	85.9°/ 47.4°	374
14	CSX60S200 PRO (LU.(22)	4	415000	6607	1.53	5.35e-09	228.2°/ 65.9°	357
15	CSX60S300 PRO (LU.(16)	4	123900	986	0.76	6.01e-08	36.6°/ 66.8°	266
16	CSX60S200 PRO (LU.(12)	2	221800	1686	0.73	1.87e-08	30.4°/ 56.8°	266
17	CSX60S200 PRO (LU.(14)	4	81610	460	0.54	1.38e-07	48.2°/ 65.9°	266
18	CSX60S200 PRO (LU.(37)	4	118600	672	0.54	6.55e-08	46.8°/ 64.7°	320
19	CSX60S200 PRO (LU.(35)	2	214900	1062	0.47	2.00e-08	37.1°/ 56.2°	320
20	CSX60S300 PRO (LU.(24)	4	135600	658	0.47	5.01e-08	216.6°/ 66.8°	357

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy..(42)	1990	47820	74950	150.45	4.03e-07	120.2°/ 56.2°	257
2	CSX60S100 PRO (sy..(58)	290	47510	13400	27.08	4.08e-07	171.8°/ 56.2°	230
3	CSX60S100 PRO (sy..(33)	27	303000	40560	12.85	1.00e-08	26.5°/ 47.2°	258
4	LED Floodlight - ... (227)	118	93340	9756	10.03	1.06e-07	10.0°/ 0.0°	338
5	LED Floodlight - ... (234)	93	107200	10320	9.25	8.03e-08	101.0°/ 0.0°	335
6	LED Floodlight - ... (228)	97	110700	10570	9.16	7.52e-08	100.0°/ 0.0°	349
7	LED Floodlight - ... (226)	110	98540	9311	9.07	9.49e-08	9.0°/ 0.0°	353
8	CSX60S100 PRO (sy..(10)	27	100900	6864	6.53	9.05e-08	26.1°/ 47.4°	207
9	CSX60S100 PRO (sy... (1)	79	60090	3201	5.11	2.55e-07	116.2°/ 50.4°	310
10	CSX60S100 PRO (sy..(17)	62	62760	3186	4.87	2.34e-07	175.8°/ 50.4°	289
11	CSX60S100 PRO (sy..(57)	31	75270	3586	4.57	1.63e-07	206.5°/ 47.2°	230
12	CSX60S100 PRO (sy..(41)	51	54680	2504	4.40	3.08e-07	85.5°/ 47.2°	257
13	CSX60S200 PRO (LU.(22)	4	647400	24450	3.63	2.20e-09	228.2°/ 65.9°	289
14	CSX60S100 PRO (sy... (2)	45	68180	2342	3.30	1.98e-07	85.9°/ 47.4°	310
15	CSX60S100 PRO (sy..(18)	28	91330	3075	3.23	1.10e-07	206.1°/ 47.4°	289
16	CSX60S300 PRO (LU.(39)	5	375500	10460	2.67	6.54e-09	27.4°/ 67.1°	258
17	CSX60S300 PRO (LU.(16)	4	67090	474	0.68	2.05e-07	36.6°/ 66.8°	208
18	CSX60S200 PRO (LU.(14)	5	53110	359	0.65	3.27e-07	48.2°/ 65.9°	208
19	CSX60S300 PRO (LU.(24)	4	114600	714	0.60	7.02e-08	216.6°/ 66.8°	289
20	CSX60S300 PRO (LU.(63)	4	71960	445	0.59	1.78e-07	207.4°/ 67.1°	230

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S300 PRO (LU.(39)	4	30360000	63080000	199.48	1.00e-12	27.4°/ 67.1°	258
2	CSX60S100 PRO (sy..(33)	21	983500	330300	32.24	9.53e-10	26.5°/ 47.2°	257
3	CSX60S100 PRO (sy..(42)	401	48260	15420	30.67	3.96e-07	120.2°/ 56.2°	256
4	CSX60S100 PRO (sy..(58)	130	48130	6180	12.33	3.98e-07	171.8°/ 56.2°	230
5	CSX60S100 PRO (sy..(10)	23	114800	7732	6.47	7.00e-08	26.1°/ 47.4°	207
6	LED Floodlight - ... (227)	67	101800	6600	6.23	8.90e-08	10.0°/ 0.0°	338
7	LED Floodlight - ... (228)	58	124100	8004	6.19	5.99e-08	100.0°/ 0.0°	349
8	LED Floodlight - ... (234)	54	121000	7653	6.07	6.29e-08	101.0°/ 0.0°	335
9	LED Floodlight - ... (226)	63	107200	6290	5.63	8.02e-08	9.0°/ 0.0°	353
10	CSX60S100 PRO (sy... (1)	69	60710	2869	4.54	2.50e-07	116.2°/ 50.4°	310
11	CSX60S100 PRO (sy..(17)	50	63640	2655	4.00	2.28e-07	175.8°/ 50.4°	289
12	CSX60S100 PRO (sy..(57)	23	78880	2986	3.63	1.48e-07	206.5°/ 47.2°	230
13	CSX60S100 PRO (sy..(18)	24	94540	2738	2.78	1.03e-07	206.1°/ 47.4°	289
14	CSX60S100 PRO (sy..(41)	30	55570	1515	2.62	2.98e-07	85.5°/ 47.2°	257
15	CSX60S100 PRO (sy... (2)	28	69180	1514	2.10	1.93e-07	85.9°/ 47.4°	310
16	CSX60S200 PRO (LU.(22)	3	609000	13330	2.10	2.48e-09	228.2°/ 65.9°	289
17	CSX60S300 PRO (LU.(16)	4	68930	503	0.70	1.94e-07	36.6°/ 66.8°	207
18	CSX60S300 PRO (LU.(24)	4	118300	762	0.62	6.59e-08	216.6°/ 66.8°	289
19	CSX60S300 PRO (LU.(63)	4	73600	467	0.61	1.70e-07	207.4°/ 67.1°	230
20	CSX60S200 PRO (LU.(14)	4	53980	331	0.59	3.16e-07	48.2°/ 65.9°	207

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy..(25)	202	11890	122300	329.12	7.24e-07	296.2°/ 50.4°	48
2	CSX60S200 PRO (LU.(27)	210	11290	113800	322.47	8.03e-07	299.6°/ 57.6°	48
3	CSX60S200 PRO (LU.(29)	65	30050	249200	265.41	1.13e-07	297.0°/ 63.4°	48
4	CSX60S300 PRO (LU.(64)	106	16210	72120	142.40	3.90e-07	192.8°/ 67.9°	61
5	CSX60S200 PRO (LU.(60)	148	7540	21800	92.52	1.80e-06	183.4°/ 58.6°	61
6	CSX60S100 PRO (sy..(58)	182	5699	15220	85.46	3.15e-06	171.8°/ 56.2°	62
7	CSX60S100 PRO (sy..(42)	278	9249	14000	48.44	1.20e-06	120.2°/ 56.2°	129
8	CSX60S200 PRO (LU.(62)	102	4965	6522	42.03	4.15e-06	162.6°/ 62.9°	61
9	CSX60S200 PRO (LU.(38)	12	167500	199500	38.10	3.65e-09	342.6°/ 62.9°	129
10	LED Floodlight - ... (227)	190	13930	13340	30.64	5.27e-07	10.0°/ 0.0°	164
11	LED Floodlight - ... (226)	176	15330	12680	26.47	4.36e-07	9.0°/ 0.0°	178
12	CSX60S100 PRO (sy..(17)	115	8771	6936	25.31	1.33e-06	175.8°/ 50.4°	112
13	CSX60S200 PRO (LU.(20)	46	20270	14680	23.18	2.49e-07	210.4°/ 56.8°	112
14	CSX60S100 PRO (sy... (9)	103	9672	6264	20.72	1.09e-06	355.8°/ 50.4°	123
15	LED Floodlight - ... (234)	83	17700	10500	18.98	3.27e-07	101.0°/ 0.0°	156
16	LED Floodlight - ... (228)	85	18930	10390	17.56	2.86e-07	100.0°/ 0.0°	170
17	CSX60S100 PRO (sy..(18)	35	15750	6849	13.91	4.13e-07	206.1°/ 47.4°	112
18	CSX60S100 PRO (sy..(10)	79	8140	3395	13.35	1.55e-06	26.1°/ 47.4°	122
19	CSX60S100 PRO (sy..(34)	35	19550	7724	12.64	2.68e-07	351.8°/ 56.2°	129
20	CSX60S100 PRO (sy... (1)	98	10340	4083	12.64	9.58e-07	116.2°/ 50.4°	158

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy..(58)	33	6464	3738	18.50	2.45e-06	171.8°/ 56.2°	60
2	CSX60S100 PRO (sy..(42)	79	9563	4331	14.49	1.12e-06	120.2°/ 56.2°	128
3	LED Floodlight - ... (227)	60	17570	6676	12.16	3.32e-07	10.0°/ 0.0°	165
4	CSX60S100 PRO (sy..(18)	22	20680	7529	11.65	2.39e-07	206.1°/ 47.4°	111
5	LED Floodlight - ... (226)	58	19060	6505	10.92	2.82e-07	9.0°/ 0.0°	178
6	CSX60S100 PRO (sy..(34)	23	24170	7905	10.46	1.75e-07	351.8°/ 56.2°	128
7	CSX60S100 PRO (sy..(17)	37	9279	2535	8.74	1.19e-06	175.8°/ 50.4°	111
8	CSX60S100 PRO (sy... (1)	59	10620	2622	7.90	9.09e-07	116.2°/ 50.4°	157
9	CSX60S100 PRO (sy... (9)	37	10190	2508	7.87	9.86e-07	355.8°/ 50.4°	122
10	CSX60S100 PRO (sy..(33)	26	10580	1754	5.30	9.14e-07	26.5°/ 47.2°	128
11	CSX60S100 PRO (sy..(10)	26	8444	1234	4.68	1.44e-06	26.1°/ 47.4°	122
12	CSX60S100 PRO (sy..(41)	26	8637	1172	4.34	1.37e-06	85.5°/ 47.2°	128
13	CSX60S100 PRO (sy... (2)	26	10630	1164	3.50	9.06e-07	85.9°/ 47.4°	158
14	LED Floodlight - ... (228)	7	30860	2396	2.48	1.08e-07	100.0°/ 0.0°	170
15	CSX60S200 PRO (LU.(62)	4	5256	339	2.06	3.71e-06	162.6°/ 62.9°	60
16	CSX60S200 PRO (LU.(60)	2	9866	574	1.86	1.05e-06	183.4°/ 58.6°	60
17	CSX60S200 PRO (LU.(20)	2	30890	1638	1.70	1.07e-07	210.4°/ 56.8°	111
18	CSX60S300 PRO (LU.(23)	4	12630	533	1.35	6.42e-07	197.2°/ 68.0°	111
19	CSX60S200 PRO (LU.(21)	4	8560	263	0.98	1.40e-06	175.0°/ 63.4°	111
20	CSX60S200 PRO (LU.(13)	4	9597	272	0.91	1.11e-06	355.0°/ 63.4°	122

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy..(49)	76	43970	334000	243.07	5.30e-08	265.5°/ 47.2°	66
2	CSX60S300 PRO (LU.(56)	95	12100	31160	82.43	7.00e-07	279.2°/ 67.9°	66
3	LED Floodlight - ... (227)	285	7313	17280	75.61	1.91e-06	10.0°/ 0.0°	93
4	CSX60S200 PRO (LU.(52)	133	7374	16300	70.74	1.88e-06	288.6°/ 58.6°	66
5	CSX60S100 PRO (sy..(50)	163	5917	12950	70.03	2.92e-06	299.1°/ 52.7°	66
6	LED Floodlight - ... (226)	278	8135	17090	67.23	1.55e-06	9.0°/ 0.0°	103
7	CSX60S100 PRO (sy..(34)	323	9211	15680	54.47	1.21e-06	351.8°/ 56.2°	131
8	CSX60S300 PRO (LU.(32)	24	70310	83940	38.20	2.07e-08	255.4°/ 66.8°	116
9	CSX60S200 PRO (LU.(54)	89	5121	5233	32.70	3.91e-06	309.4°/ 62.9°	66
10	CSX60S100 PRO (sy..(25)	114	9008	6712	23.84	1.26e-06	296.2°/ 50.4°	116
11	LED Floodlight - ... (228)	48	10960	7522	21.96	8.53e-07	100.0°/ 0.0°	87
12	CSX60S200 PRO (LU.(28)	48	19230	12770	21.25	2.77e-07	261.6°/ 56.8°	116
13	CSX60S100 PRO (sy... (1)	97	9832	6200	20.18	1.06e-06	116.2°/ 50.4°	121
14	LED Floodlight - ... (234)	29	10310	5404	16.77	9.63e-07	101.0°/ 0.0°	75
15	CSX60S100 PRO (sy..(42)	34	22900	10100	14.11	1.95e-07	120.2°/ 56.2°	131
16	CSX60S100 PRO (sy... (2)	79	8150	3482	13.67	1.54e-06	85.9°/ 47.4°	122
17	CSX60S100 PRO (sy..(26)	35	15600	6192	12.70	4.21e-07	265.9°/ 47.4°	116
18	CSX60S100 PRO (sy... (9)	100	10570	4153	12.58	9.17e-07	355.8°/ 50.4°	162
19	CSX60S100 PRO (sy..(33)	78	8424	3189	12.11	1.44e-06	26.5°/ 47.2°	130
20	CSX60S100 PRO (sy..(41)	62	10440	3841	11.77	9.39e-07	85.5°/ 47.2°	131

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	LED Floodlight - ... (226)	52	11780	6649	18.07	7.38e-07	9.0°/ 0.0°	103
2	LED Floodlight - ... (227)	40	11140	5546	15.94	8.26e-07	10.0°/ 0.0°	93
3	CSX60S100 PRO (sy..(50)	30	6702	3210	15.33	2.28e-06	299.1°/ 52.7°	64
4	CSX60S100 PRO (sy..(34)	85	9506	4469	15.04	1.13e-06	351.8°/ 56.2°	130
5	CSX60S100 PRO (sy..(42)	22	31140	12070	12.40	1.06e-07	120.2°/ 56.2°	130
6	CSX60S100 PRO (sy..(26)	22	19600	6255	10.21	2.67e-07	265.9°/ 47.4°	115
7	CSX60S100 PRO (sy..(25)	38	9500	2558	8.62	1.13e-06	296.2°/ 50.4°	115
8	CSX60S100 PRO (sy... (9)	59	10840	2614	7.72	8.71e-07	355.8°/ 50.4°	162
9	CSX60S100 PRO (sy... (1)	34	10410	2489	7.65	9.46e-07	116.2°/ 50.4°	121
10	CSX60S300 PRO (LU.(56)	4	21040	4346	6.61	2.31e-07	279.2°/ 67.9°	65
11	CSX60S100 PRO (sy..(41)	26	11030	1791	5.20	8.42e-07	85.5°/ 47.2°	130
12	CSX60S100 PRO (sy... (2)	27	8463	1311	4.96	1.43e-06	85.9°/ 47.4°	121
13	CSX60S100 PRO (sy..(33)	28	8702	1233	4.53	1.35e-06	26.5°/ 47.2°	130
14	CSX60S100 PRO (sy..(10)	26	10910	1179	3.46	8.61e-07	26.1°/ 47.4°	161
15	CSX60S200 PRO (LU.(54)	4	5371	305	1.82	3.55e-06	309.4°/ 62.9°	64
16	CSX60S200 PRO (LU.(52)	2	8906	406	1.46	1.29e-06	288.6°/ 58.6°	64
17	CSX60S200 PRO (LU.(28)	2	26020	1075	1.32	1.51e-07	261.6°/ 56.8°	115
18	CSX60S300 PRO (LU.(31)	4	12700	495	1.25	6.35e-07	274.8°/ 68.0°	115
19	CSX60S200 PRO (LU...(5)	4	9777	290	0.95	1.07e-06	117.0°/ 63.4°	120
20	CSX60S200 PRO (LU.(29)	4	8799	256	0.93	1.32e-06	297.0°/ 63.4°	115

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy..(34)	1624	56370	63200	179.40	8.06e-07	351.8°/ 56.2°	179
2	LED Floodlight - ... (235)	224	32570	14550	71.47	2.41e-06	280.0°/ 0.0°	80
3	LED Floodlight - ... (225)	242	34570	15250	70.59	2.14e-06	280.0°/ 0.0°	86
4	LED Floodlight - ... (226)	170	35310	14430	65.38	2.05e-06	9.0°/ 0.0°	76
5	LED Floodlight - ... (227)	120	42090	12990	49.38	1.44e-06	10.0°/ 0.0°	80
6	CSX60S100 PRO (sy..(50)	145	50750	7620	24.02	9.94e-07	299.1°/ 52.7°	138
7	CSX60S100 PRO (sy... (1)	32	211100	27560	20.88	5.74e-08	116.2°/ 50.4°	141
8	CSX60S200 PRO (LU...(5)	8	674100	70540	16.74	5.63e-09	117.0°/ 63.4°	141
9	CSX60S200 PRO (LU.(51)	28	154300	13320	13.81	1.08e-07	254.9°/ 56.2°	139
10	CSX60S100 PRO (sy... (2)	47	63130	3649	9.25	6.42e-07	85.9°/ 47.4°	141
11	CSX60S100 PRO (sy..(49)	31	86820	4778	8.81	3.40e-07	265.5°/ 47.2°	139
12	CSX60S100 PRO (sy..(25)	68	72060	3618	8.03	4.93e-07	296.2°/ 50.4°	195
13	CSX60S100 PRO (sy..(33)	64	59550	2792	7.50	7.22e-07	26.5°/ 47.2°	178
14	CSX60S100 PRO (sy... (9)	82	72540	3308	7.30	4.87e-07	355.8°/ 50.4°	226
15	CSX60S100 PRO (sy..(41)	29	112600	4523	6.43	2.02e-07	85.5°/ 47.2°	180
16	CSX60S300 PRO (LU.(48)	7	475800	17900	6.02	1.13e-08	99.2°/ 67.9°	179
17	CSX60S100 PRO (sy..(26)	30	109700	3729	5.44	2.13e-07	265.9°/ 47.4°	196
18	CSX60S100 PRO (sy..(10)	52	78430	2450	5.00	4.16e-07	26.1°/ 47.4°	226
19	CSX60S300 PRO (LU.(55)	10	88270	1549	2.81	3.29e-07	264.6°/ 67.1°	139
20	CSX60S200 PRO (LU...(6)	16	47130	684	2.32	1.15e-06	63.8°/ 65.9°	141

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy..(34)	141	57440	5742	15.99	7.76e-07	351.8°/ 56.2°	178
2	CSX60S100 PRO (sy..(50)	50	52700	2856	8.67	9.22e-07	299.1°/ 52.7°	138
3	CSX60S100 PRO (sy..(49)	22	101500	4645	7.33	2.49e-07	265.5°/ 47.2°	138
4	CSX60S100 PRO (sy..(41)	22	126600	4373	5.53	1.60e-07	85.5°/ 47.2°	179
5	CSX60S100 PRO (sy... (9)	59	73920	2485	5.38	4.68e-07	355.8°/ 50.4°	225
6	CSX60S100 PRO (sy... (2)	24	67580	2128	5.04	5.61e-07	85.9°/ 47.4°	141
7	LED Floodlight - ... (225)	10	57570	1814	5.04	7.72e-07	280.0°/ 0.0°	86
8	CSX60S100 PRO (sy..(25)	39	74230	2202	4.75	4.65e-07	296.2°/ 50.4°	195
9	CSX60S100 PRO (sy..(26)	23	119100	3406	4.58	1.81e-07	265.9°/ 47.4°	195
10	CSX60S100 PRO (sy..(33)	25	61210	1148	3.00	6.83e-07	26.5°/ 47.2°	178
11	CSX60S100 PRO (sy..(10)	25	80360	1257	2.50	3.96e-07	26.1°/ 47.4°	225
12	CSX60S200 PRO (LU.(51)	2	287900	3680	2.05	3.09e-08	254.9°/ 56.2°	138
13	CSX60S300 PRO (LU.(55)	4	95830	786	1.31	2.79e-07	264.6°/ 67.1°	138
14	CSX60S300 PRO (LU.(32)	4	168700	1221	1.16	8.99e-08	255.4°/ 66.8°	195
15	CSX60S300 PRO (LU...(7)	4	71770	429	0.96	4.97e-07	94.8°/ 68.0°	140
16	CSX60S300 PRO (LU.(47)	4	109700	617	0.90	2.13e-07	84.6°/ 67.1°	179
17	CSX60S300 PRO (LU.(56)	4	63230	343	0.87	6.40e-07	279.2°/ 67.9°	138
18	CSX60S300 PRO (LU.(48)	1	444400	2318	0.83	1.30e-08	99.2°/ 67.9°	179
19	CSX60S300 PRO (LU...(8)	4	52850	233	0.70	9.16e-07	75.4°/ 66.8°	140
20	CSX60S200 PRO (LU.(54)	4	46350	198	0.68	1.19e-06	309.4°/ 62.9°	138

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	LED Floodlight - ... (226)	87	17810	10290	18.49	3.23e-07	9.0°/ 0.0°	162
2	CSX60S100 PRO (sy... (2)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	CSX60S100 PRO (sy..(26)	23	211300	156700	23.73	2.29e-09	265.9°/ 47.4°	254
2	CSX60S100 PRO (sy... (1)	23	82200	29850	11.62	1.52e-08	116.2°/ 50.4°	227
3	CSX60S100 PRO (sy..(34)	93	17270	4040	7.49	3.43e-07	351.8°/ 56.2°	259
4	CSX60S100 PRO (sy... (9)	50	19970	2161	3.46	2.57e-07	355.8°/ 50.4°	300
5	CSX60S100 PRO (sy... (2)	23	20880	1941	2.97	2.35e-07	85.9°/ 47.4°	227
6	CSX60S100 PRO (sy..(25)	25	23340	2089	2.86	1.88e-07	296.2°/ 50.4°	254
7	CSX60S100 PRO (sy..(41)	21	29240	2607	2.85	1.20e-07	85.5°/ 47.2°	260
8	CSX60S200 PRO (LU...(5)	4	94280	7623	2.59	1.15e-08	117.0°/ 63.4°	226
9	CSX60S100 PRO (sy..(33)	26	17590	1162	2.11	3.31e-07	26.5°/ 47.2°	259
10	CSX60S100 PRO (sy..(10)	24	20710	1101	1.70	2.39e-07	26.1°/ 47.4°	300
11	CSX60S300 PRO (LU.(48)	4	43040	1127	0.84	5.53e-08	99.2°/ 67.9°	259
12	CSX60S300 PRO (LU.(31)	4	37600	897	0.76	7.24e-08	274.8°/ 68.0°	254
13	CSX60S300 PRO (LU...(7)	4	21440	368	0.55	2.23e-07	94.8°/ 68.0°	226
14	CSX60S300 PRO (LU.(47)	4	25390	392	0.49	1.59e-07	84.6°/ 67.1°	259
15	CSX60S200 PRO (LU.(29)	4	21390	312	0.47	2.24e-07	297.0°/ 63.4°	254
16	CSX60S300 PRO (LU...(8)	4	16500	218	0.42	3.76e-07	75.4°/ 66.8°	226
17	CSX60S200 PRO (LU...(6)	4	15150	197	0.42	4.46e-07	63.8°/ 65.9°	226
18	CSX60S200 PRO (LU.(45)	4	19350	244	0.40	2.74e-07	65.2°/ 64.7°	259
19	CSX60S200 PRO (LU.(38)	4	17440	200	0.37	3.37e-07	342.6°/ 62.9°	259
20	CSX60S200 PRO (LU.(37)	4	16850	187	0.35	3.61e-07	46.8°/ 64.7°	258

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S100 PRO (sy..(34)	57	17810	2636	4.74	3.23e-07	351.8°/ 56.2°	260
2	CSX60S100 PRO (sy..(50)	21	22120	2395	3.46	2.09e-07	299.1°/ 52.7°	205
3	CSX60S100 PRO (sy..(41)	22	32420	3337	3.29	9.74e-08	85.5°/ 47.2°	260
4	CSX60S100 PRO (sy... (2)	23	22620	2259	3.20	2.00e-07	85.9°/ 47.4°	227
5	CSX60S100 PRO (sy..(25)	23	24930	2194	2.82	1.65e-07	296.2°/ 50.4°	254
6	CSX60S100 PRO (sy..(33)	23	18270	1138	1.99	3.07e-07	26.5°/ 47.2°	259
7	CSX60S100 PRO (sy... (9)	26	20570	1178	1.83	2.42e-07	355.8°/ 50.4°	300
8	CSX60S100 PRO (sy..(10)	23	21410	1163	1.74	2.23e-07	26.1°/ 47.4°	300
9	CSX60S300 PRO (LU.(56)	4	49160	2345	1.53	4.24e-08	279.2°/ 67.9°	205
10	CSX60S300 PRO (LU.(48)	4	48830	1442	0.94	4.29e-08	99.2°/ 67.9°	260
11	CSX60S300 PRO (LU.(31)	4	41580	1090	0.84	5.92e-08	274.8°/ 68.0°	255
12	CSX60S200 PRO (LU.(54)	4	17110	306	0.57	3.50e-07	309.4°/ 62.9°	205
13	CSX60S300 PRO (LU...(7)	4	22480	401	0.57	2.03e-07	94.8°/ 68.0°	227
14	CSX60S300 PRO (LU.(47)	4	26550	426	0.51	1.45e-07	84.6°/ 67.1°	260
15	CSX60S200 PRO (LU.(29)	4	22250	336	0.48	2.07e-07	297.0°/ 63.4°	255
16	CSX60S200 PRO (LU.(52)	2	28390	405	0.46	1.27e-07	288.6°/ 58.6°	205
17	CSX60S300 PRO (LU...(8)	4	17020	230	0.43	3.53e-07	75.4°/ 66.8°	227
18	CSX60S200 PRO (LU...(6)	4	15580	207	0.42	4.22e-07	63.8°/ 65.9°	227
19	CSX60S200 PRO (LU.(45)	4	19930	258	0.41	2.58e-07	65.2°/ 64.7°	260
20	CSX60S200 PRO (LU.(38)	4	17910	210	0.37	3.19e-07	342.6°/ 62.9°	259

Anlage 9: Lichtimmissionen in der Nachbarschaft für Spielbetrieb (Raumaufhellung und Blendung) mit nur dem Bestandssportplatz in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.03 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.03 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.04 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.04 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.04 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0.1 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	0.18 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0.26 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	0.49 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0.27 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	0.63 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.46 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	1.12 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	2030 m	728 m	9.4 m	0.09 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str. 2	2030 m	728 m	15.4 m	0.12 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0.05 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.12 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.1 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.21 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0.03 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0.05 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.09 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.11 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0.05 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.06 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0.02 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0.04 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0.02 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0.02 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0.01 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	0.01 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0.01 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0.01 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	0.01 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0.04 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0.05 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	1.84 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	3.32 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	1.53 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	3.35 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	0.58 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	1.03 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.02 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.05 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.22 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.32m / 589.71m / 20.20m)

1	LED Floodlight - ...	(225)	120	69990	132900	60.76	2.09e-08	193.0°/ -40.0°	208
2	LED Floodlight - ...	(235)	121	61970	116900	60.37	2.67e-08	190.0°/ -40.0°	197
3	LED Floodlight - ...	(230)	604	9088	10600	37.32	1.24e-06	91.0°/ -40.0°	214
4	LED Floodlight - ...	(233)	605	9521	10610	35.66	1.13e-06	95.0°/ -40.0°	225
5	LED Floodlight - ...	(234)	110	29150	19760	21.69	1.21e-07	11.0°/ -40.0°	215
6	LED Floodlight - ...	(228)	104	23830	13710	18.41	1.80e-07	10.0°/ -40.0°	205
7	CSX60S100 PRO (sy	(285)	92	19060	3723	6.25	2.82e-07	299.1°/ 52.7°	297
8	CSX60S100 PRO (sy..	(50)	93	19070	3727	6.25	2.82e-07	299.1°/ 52.7°	297
9	CSX60S100 PRO (sy..	(57)	24	54040	7597	4.50	3.51e-08	206.5°/ 47.2°	298
10	CSX60S100 PRO (sy	(292)	24	53870	7557	4.49	3.53e-08	206.5°/ 47.2°	298
11	CSX60S100 PRO (sy..	(25)	73	22500	3010	4.28	2.02e-07	296.2°/ 50.4°	347
12	CSX60S100 PRO (sy	(260)	73	22490	3010	4.28	2.02e-07	296.2°/ 50.4°	347
13	CSX60S100 PRO (sy	(253)	25	32380	4004	3.96	9.77e-08	206.1°/ 47.4°	252
14	CSX60S100 PRO (sy..	(18)	25	32440	4001	3.95	9.73e-08	206.1°/ 47.4°	252
15	CSX60S100 PRO (sy..	(49)	37	20630	1720	2.67	2.41e-07	265.5°/ 47.2°	297
16	CSX60S100 PRO (sy	(284)	37	20620	1721	2.67	2.41e-07	265.5°/ 47.2°	297
17	CSX60S100 PRO (sy	(261)	34	24670	1669	2.16	1.68e-07	265.9°/ 47.4°	347
18	CSX60S100 PRO (sy..	(26)	34	24680	1670	2.16	1.68e-07	265.9°/ 47.4°	347
19	CSX60S300 PRO (LU.	(23)	4	48430	1510	1.00	4.37e-08	197.2°/ 68.0°	252
20	CSX60S300 PRO (LU	(258)	4	48180	1495	0.99	4.41e-08	197.2°/ 68.0°	252

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	LED Floodlight - ...	(234)	125	51580	70220	43.57	3.85e-08	11.0°/ -40.0°	215
2	LED Floodlight - ...	(228)	129	34440	35260	32.76	8.63e-08	10.0°/ -40.0°	206
3	LED Floodlight - ...	(230)	511	9423	9627	32.69	1.15e-06	91.0°/ -40.0°	215
4	LED Floodlight - ...	(233)	521	9853	9768	31.72	1.05e-06	95.0°/ -40.0°	225
5	CSX60S100 PRO (sy..	(50)	73	19350	3008	4.98	2.74e-07	299.1°/ 52.7°	297
6	CSX60S100 PRO (sy	(285)	72	19340	3007	4.97	2.74e-07	299.1°/ 52.7°	297
7	CSX60S100 PRO (sy..	(57)	21	63170	9227	4.67	2.57e-08	206.5°/ 47.2°	298
8	CSX60S100 PRO (sy	(292)	21	62910	9156	4.66	2.59e-08	206.5°/ 47.2°	298
9	CSX60S100 PRO (sy	(253)	23	35300	4373	3.96	8.22e-08	206.1°/ 47.4°	251
10	CSX60S100 PRO (sy..	(18)	23	35390	4374	3.96	8.18e-08	206.1°/ 47.4°	251
11	CSX60S100 PRO (sy	(260)	53	22790	2255	3.17	1.97e-07	296.2°/ 50.4°	346
12	CSX60S100 PRO (sy..	(25)	53	22800	2255	3.16	1.97e-07	296.2°/ 50.4°	347
13	CSX60S100 PRO (sy	(284)	25	21030	1209	1.84	2.32e-07	265.5°/ 47.2°	297
14	CSX60S100 PRO (sy..	(49)	25	21040	1208	1.84	2.31e-07	265.5°/ 47.2°	297
15	CSX60S100 PRO (sy	(261)	24	25110	1211	1.54	1.62e-07	265.9°/ 47.4°	347
16	CSX60S100 PRO (sy..	(26)	24	25120	1212	1.54	1.62e-07	265.9°/ 47.4°	347
17	CSX60S300 PRO (LU	(258)	4	53660	1858	1.11	3.56e-08	197.2°/ 68.0°	252
18	CSX60S300 PRO (LU.	(23)	4	54000	1881	1.11	3.51e-08	197.2°/ 68.0°	252
19	CSX60S300 PRO (LU	(298)	4	51630	1225	0.76	3.84e-08	207.4°/ 67.1°	298
20	CSX60S300 PRO (LU.	(63)	4	51810	1232	0.76	3.81e-08	207.4°/ 67.1°	298

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	LED Floodlight - ...	(230)	605	6962	10610	48.77	2.11e-06	91.0°/ -40.0°	164
2	LED Floodlight - ...	(233)	606	7277	10620	46.70	1.93e-06	95.0°/ -40.0°	172
3	LED Floodlight - ...	(228)	177	10820	8121	24.01	8.74e-07	10.0°/ -40.0°	158
4	LED Floodlight - ...	(234)	158	12270	8594	22.41	6.80e-07	11.0°/ -40.0°	165
5	CSX60S100 PRO (sy	(285)	98	15250	3994	8.38	4.40e-07	299.1°/ 52.7°	236
6	CSX60S100 PRO (sy..	(50)	98	15250	3997	8.38	4.40e-07	299.1°/ 52.7°	236
7	CSX60S100 PRO (sy..	(25)	75	18350	3069	5.35	3.04e-07	296.2°/ 50.4°	284
8	CSX60S100 PRO (sy	(260)	75	18350	3069	5.35	3.04e-07	296.2°/ 50.4°	283
9	CSX60S100 PRO (sy	(253)	30	20000	3089	4.94	2.56e-07	206.1°/ 47.4°	196
10	CSX60S100 PRO (sy..	(18)	30	20030	3085	4.93	2.55e-07	206.1°/ 47.4°	196
11	CSX60S100 PRO (sy..	(57)	26	32690	4763	4.66	9.58e-08	206.5°/ 47.2°	238
12	CSX60S100 PRO (sy	(292)	26	32610	4743	4.65	9.63e-08	206.5°/ 47.2°	238
13	CSX60S100 PRO (sy	(284)	48	16040	2144	4.28	3.98e-07	265.5°/ 47.2°	237
14	CSX60S100 PRO (sy..	(49)	48	16050	2142	4.27	3.98e-07	265.5°/ 47.2°	237
15	CSX60S100 PRO (sy..	(26)	41	19820	1940	3.13	2.61e-07	265.9°/ 47.4°	284
16	CSX60S100 PRO (sy	(261)	41	19810	1939	3.13	2.61e-07	265.9°/ 47.4°	284
17	CSX60S300 PRO (LU	(258)	4	23240	574	0.79	1.90e-07	197.2°/ 68.0°	196
18	CSX60S300 PRO (LU.	(23)	4	23300	577	0.79	1.89e-07	197.2°/ 68.0°	196
19	CSX60S300 PRO (LU	(298)	4	29630	634	0.69	1.17e-07	207.4°/ 67.1°	238
20	CSX60S300 PRO (LU.	(63)	4	29700	637	0.69	1.16e-07	207.4°/ 67.1°	238

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	LED Floodlight - ... (230)	457	7303	8781	38.48	1.92e-06	91.0°/ -40.0°	165
2	LED Floodlight - ... (233)	471	7615	9000	37.82	1.77e-06	95.0°/ -40.0°	172
3	LED Floodlight - ... (228)	198	12410	11860	30.59	6.65e-07	10.0°/ -40.0°	158
4	LED Floodlight - ... (234)	182	14380	13520	30.09	4.95e-07	11.0°/ -40.0°	165
5	CSX60S100 PRO (sy..(50)	71	15530	3012	6.21	4.24e-07	299.1°/ 52.7°	236
6	CSX60S100 PRO (sy(285)	71	15530	3009	6.20	4.25e-07	299.1°/ 52.7°	236
7	CSX60S100 PRO (sy..(57)	21	36370	4863	4.28	7.74e-08	206.5°/ 47.2°	237
8	CSX60S100 PRO (sy(292)	21	36270	4815	4.25	7.78e-08	206.5°/ 47.2°	237
9	CSX60S100 PRO (sy..(25)	55	18650	2335	4.01	2.94e-07	296.2°/ 50.4°	283
10	CSX60S100 PRO (sy(260)	55	18650	2333	4.00	2.94e-07	296.2°/ 50.4°	283
11	CSX60S100 PRO (sy..(18)	21	21430	2476	3.70	2.23e-07	206.1°/ 47.4°	195
12	CSX60S100 PRO (sy(253)	21	21400	2470	3.69	2.24e-07	206.1°/ 47.4°	195
13	CSX60S100 PRO (sy(284)	25	16410	1158	2.26	3.80e-07	265.5°/ 47.2°	236
14	CSX60S100 PRO (sy..(49)	24	16410	1151	2.24	3.80e-07	265.5°/ 47.2°	236
15	CSX60S100 PRO (sy..(26)	23	20220	1162	1.84	2.50e-07	265.9°/ 47.4°	284
16	CSX60S100 PRO (sy(261)	23	20210	1161	1.84	2.51e-07	265.9°/ 47.4°	284
17	CSX60S300 PRO (LL(258)	4	24390	634	0.83	1.72e-07	197.2°/ 68.0°	196
18	CSX60S300 PRO (LU.(23)	4	24460	638	0.83	1.71e-07	197.2°/ 68.0°	196
19	CSX60S300 PRO (LL(298)	4	31030	698	0.72	1.06e-07	207.4°/ 67.1°	238
20	CSX60S300 PRO (LU.(63)	4	31120	701	0.72	1.06e-07	207.4°/ 67.1°	238

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S300 PRO (LL(251)	6	10120000	134400000	425.01	1.00e-12	36.6°/ 66.8°	206
2	LED Floodlight - ... (233)	543	6474	10080	49.82	2.44e-06	95.0°/ -40.0°	148
3	LED Floodlight - ... (230)	511	6351	9620	48.47	2.54e-06	91.0°/ -40.0°	145
4	LED Floodlight - ... (228)	299	7617	8404	35.30	1.76e-06	10.0°/ -40.0°	142
5	LED Floodlight - ... (234)	257	8218	8072	31.43	1.52e-06	11.0°/ -40.0°	145
6	CSX60S100 PRO (sy..(34)	120	12150	7447	19.62	6.94e-07	351.8°/ 56.2°	153
7	CSX60S100 PRO (sy(269)	120	12150	7424	19.55	6.94e-07	351.8°/ 56.2°	152
8	CSX60S100 PRO (sy(268)	28	35810	14930	13.34	7.99e-08	26.5°/ 47.2°	153
9	CSX60S100 PRO (sy..(33)	28	35530	14680	13.22	8.11e-08	26.5°/ 47.2°	153
10	CSX60S300 PRO (LU.(16)	5	297200	111100	11.96	1.16e-09	36.6°/ 66.8°	206
11	CSX60S100 PRO (sy(285)	108	13210	4522	10.95	5.87e-07	299.1°/ 52.7°	201
12	CSX60S100 PRO (sy..(50)	107	13210	4515	10.94	5.87e-07	299.1°/ 52.7°	201
13	CSX60S100 PRO (sy..(17)	27	33640	10710	10.19	9.05e-08	175.8°/ 50.4°	168
14	CSX60S100 PRO (sy(252)	27	33420	10570	10.12	9.17e-08	175.8°/ 50.4°	168
15	CSX60S200 PRO (LL(254)	15	55010	15340	8.92	3.38e-08	172.4°/ 57.6°	168
16	CSX60S200 PRO (LU.(19)	14	56130	15140	8.63	3.25e-08	172.4°/ 57.6°	168
17	CSX60S100 PRO (sy(253)	40	14430	2889	6.40	4.92e-07	206.1°/ 47.4°	168
18	CSX60S100 PRO (sy..(18)	40	14450	2886	6.39	4.91e-07	206.1°/ 47.4°	168
19	CSX60S100 PRO (sy(260)	76	15850	3134	6.33	4.07e-07	296.2°/ 50.4°	244
20	CSX60S100 PRO (sy..(25)	76	15860	3134	6.32	4.07e-07	296.2°/ 50.4°	245

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	LED Floodlight - ... (230)	392	6738	8271	39.28	2.26e-06	91.0°/ -40.0°	145
2	LED Floodlight - ... (233)	386	6852	7991	37.32	2.18e-06	95.0°/ -40.0°	149
3	LED Floodlight - ... (228)	258	8342	8633	33.12	1.47e-06	10.0°/ -40.0°	142
4	CSX60S100 PRO (sy(268)	23	104800	107700	32.88	9.32e-09	26.5°/ 47.2°	152
5	CSX60S100 PRO (sy..(33)	23	97680	93760	30.71	1.07e-08	26.5°/ 47.2°	152
6	LED Floodlight - ... (234)	165	9085	6302	22.20	1.24e-06	11.0°/ -40.0°	145
7	CSX60S100 PRO (sy..(17)	23	49940	19980	12.80	4.11e-08	175.8°/ 50.4°	168
8	CSX60S100 PRO (sy(252)	23	49210	19260	12.53	4.23e-08	175.8°/ 50.4°	168
9	CSX60S100 PRO (sy(269)	48	12640	3245	8.21	6.41e-07	351.8°/ 56.2°	152
10	CSX60S100 PRO (sy..(34)	48	12640	3239	8.20	6.41e-07	351.8°/ 56.2°	152
11	CSX60S300 PRO (LU.(39)	3	161500	38360	7.60	3.93e-09	27.4°/ 67.1°	152
12	CSX60S100 PRO (sy(285)	67	13500	2965	7.03	5.62e-07	299.1°/ 52.7°	201
13	CSX60S100 PRO (sy..(50)	67	13500	2960	7.02	5.62e-07	299.1°/ 52.7°	201
14	CSX60S100 PRO (sy(245)	22	35180	6275	5.71	8.27e-08	26.1°/ 47.4°	206
15	CSX60S300 PRO (LL(274)	3	133700	23870	5.71	5.73e-09	27.4°/ 67.1°	152
16	CSX60S100 PRO (sy..(10)	22	35090	6210	5.66	8.31e-08	26.1°/ 47.4°	206
17	CSX60S100 PRO (sy..(25)	52	16160	2225	4.41	3.92e-07	296.2°/ 50.4°	244
18	CSX60S100 PRO (sy(260)	52	16150	2225	4.41	3.93e-07	296.2°/ 50.4°	244
19	CSX60S100 PRO (sy..(57)	23	24330	3308	4.35	1.73e-07	206.5°/ 47.2°	202
20	CSX60S100 PRO (sy(292)	23	24280	3295	4.34	1.74e-07	206.5°/ 47.2°	202

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	LED Floodlight - ...	(233)	420	6414	8201	40.91	2.49e-06	95.0°/ -40.0°	143
2	LED Floodlight - ...	(230)	385	6399	7687	38.44	2.50e-06	91.0°/ -40.0°	142
3	LED Floodlight - ...	(234)	312	7386	8284	35.89	1.88e-06	11.0°/ -40.0°	142
4	LED Floodlight - ...	(228)	298	7013	7227	32.97	2.08e-06	10.0°/ -40.0°	141
5	CSX60S100 PRO (sy..(50)		113	12590	4850	12.33	6.46e-07	299.1°/ 52.7°	189
6	CSX60S100 PRO (sy(285)		113	12590	4853	12.33	6.46e-07	299.1°/ 52.7°	189
7	CSX60S100 PRO (sy..(17)		28	22880	5541	7.75	1.96e-07	175.8°/ 50.4°	160
8	CSX60S100 PRO (sy(252)		28	22810	5506	7.72	1.97e-07	175.8°/ 50.4°	160
9	CSX60S100 PRO (sy..(18)		45	12900	2839	7.04	6.15e-07	206.1°/ 47.4°	160
10	CSX60S100 PRO (sy(253)		45	12900	2824	7.01	6.16e-07	206.1°/ 47.4°	160
11	CSX60S100 PRO (sy..(25)		77	14960	3175	6.79	4.57e-07	296.2°/ 50.4°	230
12	CSX60S100 PRO (sy(260)		77	14960	3173	6.79	4.58e-07	296.2°/ 50.4°	230
13	CSX60S100 PRO (sy(284)		59	12500	2487	6.37	6.56e-07	265.5°/ 47.2°	190
14	CSX60S100 PRO (sy..(49)		59	12500	2482	6.35	6.56e-07	265.5°/ 47.2°	190
15	CSX60S100 PRO (sy(292)		31	19370	3146	5.20	2.73e-07	206.5°/ 47.2°	191
16	CSX60S100 PRO (sy..(57)		31	19390	3142	5.18	2.72e-07	206.5°/ 47.2°	191
17	CSX60S200 PRO (LU(295)		8	70250	10890	4.96	2.07e-08	183.4°/ 58.6°	191
18	CSX60S100 PRO (sy(261)		51	15590	2287	4.69	4.21e-07	265.9°/ 47.4°	230
19	CSX60S100 PRO (sy..(26)		51	15600	2285	4.69	4.21e-07	265.9°/ 47.4°	231
20	CSX60S200 PRO (LU.(60)		8	71920	10400	4.63	1.98e-08	183.4°/ 58.6°	191

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, lir(2103.00m / 679.50m / 22.20m)

1	LED Floodlight - ...	(233)	334	6946	7589	34.96	2.12e-06	95.0°/ -40.0°	144
2	LED Floodlight - ...	(228)	277	7763	8148	33.59	1.70e-06	10.0°/ -40.0°	141
3	LED Floodlight - ...	(234)	261	8252	8590	33.31	1.50e-06	11.0°/ -40.0°	142
4	LED Floodlight - ...	(230)	304	6951	7110	32.73	2.12e-06	91.0°/ -40.0°	142
5	CSX60S100 PRO (sy..(17)		23	28630	7288	8.15	1.25e-07	175.8°/ 50.4°	160
6	CSX60S100 PRO (sy(252)		23	28480	7223	8.12	1.26e-07	175.8°/ 50.4°	160
7	CSX60S100 PRO (sy..(34)		35	12000	2668	7.11	7.11e-07	351.8°/ 56.2°	136
8	CSX60S100 PRO (sy(269)		35	12010	2661	7.09	7.10e-07	351.8°/ 56.2°	136
9	CSX60S100 PRO (sy(245)		21	38210	8388	7.02	7.01e-08	26.1°/ 47.4°	189
10	CSX60S100 PRO (sy..(10)		21	38050	8305	6.98	7.07e-08	26.1°/ 47.4°	189
11	CSX60S100 PRO (sy..(50)		59	12980	2698	6.65	6.08e-07	299.1°/ 52.7°	189
12	CSX60S100 PRO (sy(285)		59	12980	2693	6.64	6.08e-07	299.1°/ 52.7°	189
13	CSX60S100 PRO (sy(253)		23	13730	1690	3.94	5.43e-07	206.1°/ 47.4°	160
14	CSX60S100 PRO (sy..(18)		23	13740	1693	3.94	5.42e-07	206.1°/ 47.4°	160
15	CSX60S100 PRO (sy..(25)		43	15350	1854	3.87	4.35e-07	296.2°/ 50.4°	230
16	CSX60S100 PRO (sy(260)		43	15340	1853	3.86	4.35e-07	296.2°/ 50.4°	230
17	CSX60S100 PRO (sy..(57)		21	21190	2552	3.85	2.28e-07	206.5°/ 47.2°	190
18	CSX60S100 PRO (sy(292)		21	21160	2544	3.85	2.29e-07	206.5°/ 47.2°	190
19	CSX60S100 PRO (sy... (9)		25	16080	1775	3.53	3.96e-07	355.8°/ 50.4°	189
20	CSX60S100 PRO (sy(244)		25	16080	1768	3.52	3.96e-07	355.8°/ 50.4°	189

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	LED Floodlight - ...	(234)	389	6688	8413	40.25	2.29e-06	11.0°/ -40.0°	142
2	LED Floodlight - ...	(228)	382	6606	7814	37.85	2.35e-06	10.0°/ -40.0°	144
3	LED Floodlight - ...	(233)	346	6752	7778	36.86	2.25e-06	95.0°/ -40.0°	141
4	LED Floodlight - ...	(230)	305	6953	7111	32.73	2.12e-06	91.0°/ -40.0°	142
5	CSX60S100 PRO (sy..(34)		84	10280	6940	21.61	9.70e-07	351.8°/ 56.2°	112
6	CSX60S100 PRO (sy(269)		83	10290	6894	21.44	9.67e-07	351.8°/ 56.2°	112
7	CSX60S100 PRO (sy..(50)		108	11850	5014	13.53	7.29e-07	299.1°/ 52.7°	172
8	CSX60S100 PRO (sy(285)		108	11860	5009	13.51	7.28e-07	299.1°/ 52.7°	172
9	CSX60S100 PRO (sy(245)		28	31060	9992	10.29	1.06e-07	26.1°/ 47.4°	161
10	CSX60S100 PRO (sy..(10)		27	30920	9844	10.19	1.07e-07	26.1°/ 47.4°	161
11	CSX60S100 PRO (sy(244)		57	13540	3916	9.26	5.59e-07	355.8°/ 50.4°	161
12	CSX60S100 PRO (sy... (9)		57	13540	3906	9.23	5.59e-07	355.8°/ 50.4°	161
13	CSX60S200 PRO (LU.(12)		13	58410	16510	9.05	3.00e-08	30.4°/ 56.8°	161
14	CSX60S200 PRO (LU(247)		12	59670	15930	8.54	2.88e-08	30.4°/ 56.8°	161
15	CSX60S100 PRO (sy..(18)		54	11150	2849	8.18	8.24e-07	206.1°/ 47.4°	151
16	CSX60S100 PRO (sy(253)		54	11150	2837	8.14	8.24e-07	206.1°/ 47.4°	152
17	CSX60S100 PRO (sy..(17)		37	15760	3930	7.98	4.12e-07	175.8°/ 50.4°	152
18	CSX60S100 PRO (sy(252)		37	15740	3914	7.96	4.13e-07	175.8°/ 50.4°	152
19	CSX60S100 PRO (sy(260)		76	13610	3204	7.53	5.53e-07	296.2°/ 50.4°	208
20	CSX60S100 PRO (sy..(25)		76	13610	3202	7.53	5.53e-07	296.2°/ 50.4°	208

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, lir(2077.50m / 697.00m / 22.10m)

1	LED Floodlight - ... (234)	323	7312	8284	36.25	1.92e-06	11.0°/ -40.0°	143
2	LED Floodlight - ... (233)	306	7418	8251	35.59	1.86e-06	95.0°/ -40.0°	141
3	LED Floodlight - ... (230)	299	7658	8402	35.11	1.75e-06	91.0°/ -40.0°	143
4	LED Floodlight - ... (228)	298	7176	7139	31.84	1.99e-06	10.0°/ -40.0°	145
5	CSX60S100 PRO (sy(245)	23	56670	28320	15.99	3.19e-08	26.1°/ 47.4°	161
6	CSX60S100 PRO (sy..(10)	23	55680	27300	15.69	3.30e-08	26.1°/ 47.4°	161
7	CSX60S100 PRO (sy..(34)	26	11340	2607	7.36	7.96e-07	351.8°/ 56.2°	111
8	CSX60S100 PRO (sy(269)	25	11360	2593	7.30	7.93e-07	351.8°/ 56.2°	111
9	CSX60S100 PRO (sy..(50)	50	12290	2474	6.44	6.78e-07	299.1°/ 52.7°	172
10	CSX60S100 PRO (sy(285)	49	12300	2474	6.44	6.77e-07	299.1°/ 52.7°	172
11	CSX60S100 PRO (sy..(17)	23	17600	3015	5.48	3.31e-07	175.8°/ 50.4°	151
12	CSX60S100 PRO (sy(252)	23	17570	2978	5.42	3.32e-07	175.8°/ 50.4°	151
13	CSX60S100 PRO (sy(244)	23	14430	1842	4.09	4.92e-07	355.8°/ 50.4°	161
14	CSX60S100 PRO (sy... (9)	23	14420	1836	4.07	4.92e-07	355.8°/ 50.4°	161
15	CSX60S100 PRO (sy..(57)	23	16620	2114	4.07	3.71e-07	206.5°/ 47.2°	173
16	CSX60S100 PRO (sy..(25)	40	14010	1781	4.07	5.22e-07	296.2°/ 50.4°	207
17	CSX60S100 PRO (sy(292)	23	16600	2109	4.07	3.72e-07	206.5°/ 47.2°	173
18	CSX60S100 PRO (sy(260)	40	14010	1777	4.06	5.22e-07	296.2°/ 50.4°	207
19	CSX60S300 PRO (LL(275)	4	36420	4419	3.88	7.72e-08	12.8°/ 67.9°	111
20	CSX60S100 PRO (sy..(18)	23	11760	1385	3.77	7.40e-07	206.1°/ 47.4°	151

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S200 PRO (LL(238)	24	45390	79580	56.10	4.97e-08	119.6°/ 57.6°	78
2	LED Floodlight - ... (234)	560	6872	10330	48.10	2.17e-06	11.0°/ -40.0°	158
3	LED Floodlight - ... (228)	578	7113	10470	47.10	2.02e-06	10.0°/ -40.0°	165
4	CSX60S200 PRO (LU...(3)	20	42370	58350	44.06	5.70e-08	119.6°/ 57.6°	77
5	LED Floodlight - ... (233)	194	9295	7128	24.54	1.19e-06	95.0°/ -40.0°	151
6	LED Floodlight - ... (230)	162	9935	6225	20.05	1.04e-06	91.0°/ -40.0°	158
7	CSX60S100 PRO (sy..(17)	57	11870	3411	9.20	7.27e-07	175.8°/ 50.4°	151
8	CSX60S100 PRO (sy(252)	57	11880	3409	9.18	7.26e-07	175.8°/ 50.4°	151
9	CSX60S100 PRO (sy..(18)	59	10150	2591	8.17	9.94e-07	206.1°/ 47.4°	151
10	CSX60S100 PRO (sy(253)	59	10160	2589	8.16	9.92e-07	206.1°/ 47.4°	151
11	CSX60S200 PRO (LU.(22)	7	8995	244	0.87	1.27e-06	228.2°/ 65.9°	151
12	CSX60S200 PRO (LL(257)	7	9006	243	0.86	1.26e-06	228.2°/ 65.9°	151
13	CSX60S200 PRO (LL(256)	4	11280	244	0.69	8.05e-07	175.0°/ 63.4°	151
14	CSX60S200 PRO (LU.(21)	4	11270	245	0.69	8.06e-07	175.0°/ 63.4°	151
15	CSX60S300 PRO (LU.(23)	4	9507	162	0.55	1.13e-06	197.2°/ 68.0°	151
16	CSX60S300 PRO (LL(258)	4	9515	162	0.54	1.13e-06	197.2°/ 68.0°	151
17	CSX60S300 PRO (LU.(24)	4	9013	146	0.52	1.26e-06	216.6°/ 66.8°	151
18	CSX60S300 PRO (LL(259)	4	9022	146	0.52	1.26e-06	216.6°/ 66.8°	151
19	CSX60S200 PRO (LL(254)	2	11840	130	0.35	7.30e-07	172.4°/ 57.6°	151
20	CSX60S200 PRO (LU.(19)	2	11840	130	0.35	7.31e-07	172.4°/ 57.6°	151

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	LED Floodlight - ... (228)	490	7283	9307	40.89	1.93e-06	10.0°/ -40.0°	165
2	LED Floodlight - ... (234)	439	7048	8506	38.62	2.06e-06	11.0°/ -40.0°	158
3	LED Floodlight - ... (230)	160	10470	6824	20.85	9.34e-07	91.0°/ -40.0°	158
4	LED Floodlight - ... (233)	145	9801	5942	19.40	1.07e-06	95.0°/ -40.0°	151
5	CSX60S100 PRO (sy..(17)	41	12130	2595	6.85	6.96e-07	175.8°/ 50.4°	151
6	CSX60S100 PRO (sy(252)	41	12140	2588	6.82	6.95e-07	175.8°/ 50.4°	151
7	CSX60S100 PRO (sy(253)	31	10320	1406	4.36	9.61e-07	206.1°/ 47.4°	151
8	CSX60S100 PRO (sy..(18)	31	10310	1399	4.34	9.63e-07	206.1°/ 47.4°	151
9	CSX60S200 PRO (LU.(21)	4	11420	252	0.71	7.85e-07	175.0°/ 63.4°	151
10	CSX60S200 PRO (LL(256)	4	11420	251	0.70	7.85e-07	175.0°/ 63.4°	151
11	CSX60S200 PRO (LU.(22)	4	9051	159	0.56	1.25e-06	228.2°/ 65.9°	151
12	CSX60S200 PRO (LL(257)	4	9062	159	0.56	1.25e-06	228.2°/ 65.9°	151
13	CSX60S300 PRO (LL(258)	4	9576	165	0.55	1.12e-06	197.2°/ 68.0°	151
14	CSX60S300 PRO (LU.(23)	4	9568	165	0.55	1.12e-06	197.2°/ 68.0°	151
15	CSX60S300 PRO (LL(259)	4	9076	148	0.52	1.24e-06	216.6°/ 66.8°	151
16	CSX60S300 PRO (LU.(24)	4	9066	148	0.52	1.25e-06	216.6°/ 66.8°	151
17	CSX60S200 PRO (LU.(19)	2	12050	135	0.36	7.05e-07	172.4°/ 57.6°	151
18	CSX60S200 PRO (LL(254)	2	12050	135	0.36	7.05e-07	172.4°/ 57.6°	151
19	CSX60S200 PRO (LL(255)	2	9593	85.7	0.29	1.11e-06	210.4°/ 56.8°	151
20	CSX60S200 PRO (LU.(20)	2	9583	85.7	0.29	1.12e-06	210.4°/ 56.8°	151

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	LED Floodlight - ... (226)	88	189100	251000	42.48	2.86e-09	270.0°/ -40.0°	351
2	CSX60S100 PRO (sy..(58)	421	19260	18190	30.22	2.76e-07	171.8°/ 56.2°	290
3	CSX60S100 PRO (sy(293)	421	19280	18190	30.20	2.76e-07	171.8°/ 56.2°	290
4	LED Floodlight - ... (234)	617	14930	10720	22.98	4.60e-07	11.0°/ -40.0°	354
5	LED Floodlight - ... (228)	616	15400	10700	22.23	4.32e-07	10.0°/ -40.0°	365
6	LED Floodlight - ... (233)	128	55960	33350	19.07	3.27e-08	95.0°/ -40.0°	342
7	LED Floodlight - ... (230)	102	45980	16780	11.68	4.84e-08	91.0°/ -40.0°	354
8	CSX60S100 PRO (sy..(42)	46	23250	4631	6.37	1.89e-07	120.2°/ 56.2°	230
9	CSX60S100 PRO (sy(277)	46	23270	4629	6.36	1.89e-07	120.2°/ 56.2°	230
10	CSX60S100 PRO (sy(260)	26	46420	7958	5.49	4.75e-08	296.2°/ 50.4°	261
11	CSX60S100 PRO (sy..(25)	26	46290	7930	5.48	4.78e-08	296.2°/ 50.4°	261
12	CSX60S100 PRO (sy..(17)	73	21520	3092	4.60	2.21e-07	175.8°/ 50.4°	327
13	CSX60S100 PRO (sy(252)	73	21540	3092	4.59	2.21e-07	175.8°/ 50.4°	327
14	CSX60S100 PRO (sy... (1)	37	26610	3378	4.06	1.45e-07	116.2°/ 50.4°	276
15	CSX60S100 PRO (sy(236)	37	26630	3378	4.06	1.44e-07	116.2°/ 50.4°	277
16	CSX60S100 PRO (sy(261)	40	22070	2770	4.02	2.10e-07	265.9°/ 47.4°	261
17	CSX60S100 PRO (sy..(26)	40	22040	2772	4.02	2.11e-07	265.9°/ 47.4°	261
18	CSX60S100 PRO (sy..(57)	53	19090	2251	3.77	2.81e-07	206.5°/ 47.2°	290
19	CSX60S100 PRO (sy(292)	53	19110	2251	3.77	2.80e-07	206.5°/ 47.2°	290
20	CSX60S100 PRO (sy..(49)	32	28430	3008	3.39	1.27e-07	265.5°/ 47.2°	290

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	LED Floodlight - ... (233)	123	90630	84300	29.77	1.25e-08	95.0°/ -40.0°	342
2	LED Floodlight - ... (234)	580	15230	10490	22.03	4.41e-07	11.0°/ -40.0°	354
3	LED Floodlight - ... (228)	580	15710	10490	21.37	4.15e-07	10.0°/ -40.0°	365
4	LED Floodlight - ... (230)	128	58210	33690	18.52	3.02e-08	91.0°/ -40.0°	354
5	CSX60S100 PRO (sy..(58)	110	19530	4901	8.03	2.69e-07	171.8°/ 56.2°	289
6	CSX60S100 PRO (sy(293)	110	19540	4896	8.02	2.68e-07	171.8°/ 56.2°	290
7	CSX60S100 PRO (sy(260)	21	54540	9076	5.33	3.44e-08	296.2°/ 50.4°	261
8	CSX60S100 PRO (sy..(25)	21	54350	9025	5.31	3.47e-08	296.2°/ 50.4°	260
9	CSX60S100 PRO (sy..(42)	31	24290	3354	4.42	1.74e-07	120.2°/ 56.2°	230
10	CSX60S100 PRO (sy(277)	31	24310	3353	4.41	1.73e-07	120.2°/ 56.2°	230
11	CSX60S100 PRO (sy(252)	58	21840	2512	3.68	2.15e-07	175.8°/ 50.4°	327
12	CSX60S100 PRO (sy..(17)	58	21830	2512	3.68	2.15e-07	175.8°/ 50.4°	327
13	CSX60S300 PRO (LL(283)	3	192700	20820	3.46	2.76e-09	99.2°/ 67.9°	230
14	CSX60S300 PRO (LU.(48)	3	189200	19860	3.36	2.86e-09	99.2°/ 67.9°	230
15	CSX60S100 PRO (sy... (1)	27	27640	2667	3.09	1.34e-07	116.2°/ 50.4°	276
16	CSX60S100 PRO (sy(236)	27	27670	2667	3.08	1.34e-07	116.2°/ 50.4°	276
17	CSX60S100 PRO (sy(261)	25	22790	1835	2.58	1.97e-07	265.9°/ 47.4°	261
18	CSX60S100 PRO (sy..(26)	25	22760	1833	2.58	1.98e-07	265.9°/ 47.4°	260
19	CSX60S100 PRO (sy..(49)	23	29600	2381	2.57	1.17e-07	265.5°/ 47.2°	290
20	CSX60S100 PRO (sy(284)	23	29630	2382	2.57	1.17e-07	265.5°/ 47.2°	290

I(p) IO 8 Carl-von-Ossietzky-Str. 11 OG (1846.55m / 848.55m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1709	15370	65750	136.91	4.34e-07	171.8°/ 56.2°	245
2	CSX60S100 PRO (sy(293)	1708	15380	65710	136.69	4.33e-07	171.8°/ 56.2°	245
3	CSX60S200 PRO (LL(278)	26	161400	157800	31.28	3.93e-09	74.9°/ 56.2°	206
4	CSX60S200 PRO (LU.(43)	26	157300	149300	30.36	4.14e-09	74.9°/ 56.2°	205
5	LED Floodlight - ... (234)	577	14160	10470	23.67	5.11e-07	11.0°/ -40.0°	328
6	LED Floodlight - ... (228)	576	14730	10460	22.72	4.72e-07	10.0°/ -40.0°	341
7	CSX60S100 PRO (sy..(42)	175	15210	9367	19.71	4.43e-07	120.2°/ 56.2°	205
8	CSX60S100 PRO (sy(277)	174	15230	9349	19.65	4.42e-07	120.2°/ 56.2°	205
9	LED Floodlight - ... (226)	183	28340	13040	14.73	1.28e-07	270.0°/ -40.0°	332
10	LED Floodlight - ... (227)	122	35250	14680	13.33	8.24e-08	265.0°/ -40.0°	318
11	CSX60S100 PRO (sy(276)	28	30090	5847	6.22	1.13e-07	85.5°/ 47.2°	206
12	CSX60S100 PRO (sy..(41)	28	30030	5833	6.22	1.14e-07	85.5°/ 47.2°	205
13	CSX60S100 PRO (sy..(17)	81	18850	3279	5.57	2.88e-07	175.8°/ 50.4°	293
14	CSX60S100 PRO (sy(252)	81	18860	3279	5.56	2.88e-07	175.8°/ 50.4°	293
15	CSX60S100 PRO (sy..(26)	34	21510	3685	5.48	2.21e-07	265.9°/ 47.4°	203
16	CSX60S100 PRO (sy(261)	34	21550	3686	5.47	2.21e-07	265.9°/ 47.4°	203
17	CSX60S100 PRO (sy... (1)	60	19990	3409	5.46	2.56e-07	116.2°/ 50.4°	261
18	CSX60S100 PRO (sy(236)	60	20010	3408	5.45	2.56e-07	116.2°/ 50.4°	261
19	CSX60S100 PRO (sy..(57)	60	16560	2673	5.17	3.73e-07	206.5°/ 47.2°	245
20	CSX60S100 PRO (sy(292)	60	16580	2671	5.16	3.73e-07	206.5°/ 47.2°	245

I(p) IO 8 Carl-von-Ossietzky-Str. 11 OG (1846.55m / 848.55m / 14.30m) **cd/m²**

1	LED Floodlight - ... (234)	490	14480	9300	20.55	4.88e-07	11.0°/ -40.0°	328
2	LED Floodlight - ... (228)	490	15060	9296	19.76	4.52e-07	10.0°/ -40.0°	341
3	CSX60S100 PRO (sy..(58)	227	15570	9006	18.50	4.22e-07	171.8°/ 56.2°	244
4	CSX60S100 PRO (sy(293)	227	15590	9002	18.48	4.21e-07	171.8°/ 56.2°	245
5	LED Floodlight - ... (226)	184	31170	15830	16.25	1.05e-07	270.0°/ -40.0°	332

6	LED Floodlight - ... (227)	107	42330	18530	14.01	5.72e-08	265.0°/ -40.0°	318
7	CSX60S100 PRO (sy..(42)	80	15560	4499	9.25	4.23e-07	120.2°/ 56.2°	204
8	CSX60S100 PRO (sy(277)	79	15580	4491	9.22	4.22e-07	120.2°/ 56.2°	205
9	CSX60S100 PRO (sy(276)	23	34730	6332	5.83	8.49e-08	85.5°/ 47.2°	205
10	CSX60S100 PRO (sy..(41)	23	34660	6312	5.83	8.53e-08	85.5°/ 47.2°	205
11	CSX60S100 PRO (sy..(17)	65	19120	2722	4.56	2.80e-07	175.8°/ 50.4°	293
12	CSX60S100 PRO (sy(252)	65	19140	2722	4.55	2.80e-07	175.8°/ 50.4°	293
13	CSX60S100 PRO (sy..(49)	22	39490	5549	4.50	6.57e-08	265.5°/ 47.2°	245
14	CSX60S100 PRO (sy(284)	22	39540	5549	4.49	6.55e-08	265.5°/ 47.2°	246
15	CSX60S100 PRO (sy..(26)	23	23020	2953	4.10	1.93e-07	265.9°/ 47.4°	203
16	CSX60S100 PRO (sy(261)	23	23060	2956	4.10	1.93e-07	265.9°/ 47.4°	203
17	CSX60S100 PRO (sy... (1)	41	20470	2468	3.86	2.44e-07	116.2°/ 50.4°	261
18	CSX60S100 PRO (sy(236)	41	20500	2466	3.85	2.44e-07	116.2°/ 50.4°	261
19	CSX60S100 PRO (sy... (2)	23	35760	4293	3.84	8.01e-08	85.9°/ 47.4°	261
20	CSX60S100 PRO (sy(237)	23	35810	4298	3.84	7.99e-08	85.9°/ 47.4°	261

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(58)	1739	15720	66640	135.63	4.14e-07	171.8°/ 56.2°	251
2	CSX60S100 PRO (sy(293)	1737	15740	66570	135.35	4.13e-07	171.8°/ 56.2°	251
3	LED Floodlight - ... (234)	573	14500	10440	23.03	4.87e-07	11.0°/ -40.0°	336
4	LED Floodlight - ... (228)	571	15080	10430	22.13	4.50e-07	10.0°/ -40.0°	349
5	CSX60S100 PRO (sy..(42)	175	15650	9279	18.98	4.18e-07	120.2°/ 56.2°	213
6	CSX60S100 PRO (sy(277)	175	15670	9272	18.94	4.17e-07	120.2°/ 56.2°	213
7	LED Floodlight - ... (226)	192	28430	13120	14.77	1.27e-07	270.0°/ -40.0°	340
8	LED Floodlight - ... (227)	139	34840	15610	14.34	8.44e-08	265.0°/ -40.0°	325
9	CSX60S200 PRO (LU.(43)	10	90940	18340	6.45	1.24e-08	74.9°/ 56.2°	213
10	CSX60S200 PRO (LU(278)	10	91740	18180	6.34	1.22e-08	74.9°/ 56.2°	213
11	CSX60S100 PRO (sy(276)	27	30190	5357	5.68	1.12e-07	85.5°/ 47.2°	213
12	CSX60S100 PRO (sy..(41)	27	30130	5351	5.68	1.13e-07	85.5°/ 47.2°	213
13	CSX60S100 PRO (sy..(17)	81	19290	3268	5.42	2.75e-07	175.8°/ 50.4°	300
14	CSX60S100 PRO (sy(252)	81	19310	3267	5.41	2.75e-07	175.8°/ 50.4°	300
15	CSX60S100 PRO (sy..(26)	32	22990	3775	5.26	1.94e-07	265.9°/ 47.4°	208
16	CSX60S100 PRO (sy(261)	32	23020	3780	5.25	1.93e-07	265.9°/ 47.4°	208
17	CSX60S100 PRO (sy... (1)	59	20500	3347	5.23	2.44e-07	116.2°/ 50.4°	269
18	CSX60S100 PRO (sy(236)	59	20520	3346	5.22	2.43e-07	116.2°/ 50.4°	269
19	CSX60S100 PRO (sy(284)	27	38360	6018	5.02	6.96e-08	265.5°/ 47.2°	252
20	CSX60S100 PRO (sy..(49)	27	38310	6015	5.02	6.98e-08	265.5°/ 47.2°	252

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N(1840.00m / 853.70m / 14.30m)**I cd/m²**

1	LED Floodlight - ... (234)	480	14830	9140	19.72	4.66e-07	11.0°/ -40.0°	336
2	LED Floodlight - ... (228)	480	15410	9144	18.99	4.31e-07	10.0°/ -40.0°	349
3	CSX60S100 PRO (sy..(58)	236	15930	9299	18.68	4.04e-07	171.8°/ 56.2°	250
4	CSX60S100 PRO (sy(293)	235	15940	9295	18.65	4.03e-07	171.8°/ 56.2°	251
5	LED Floodlight - ... (226)	190	31080	15570	16.03	1.06e-07	270.0°/ -40.0°	340
6	LED Floodlight - ... (227)	102	41030	15820	12.34	6.08e-08	265.0°/ -40.0°	325
7	CSX60S100 PRO (sy..(42)	82	16000	4550	9.10	4.00e-07	120.2°/ 56.2°	212
8	CSX60S100 PRO (sy(277)	82	16020	4550	9.09	3.99e-07	120.2°/ 56.2°	212
9	CSX60S100 PRO (sy..(41)	22	34220	5553	5.19	8.74e-08	85.5°/ 47.2°	212
10	CSX60S100 PRO (sy(276)	22	34290	5554	5.18	8.71e-08	85.5°/ 47.2°	212
11	CSX60S100 PRO (sy..(49)	23	43390	6626	4.89	5.44e-08	265.5°/ 47.2°	251
12	CSX60S100 PRO (sy(284)	23	43440	6629	4.88	5.43e-08	265.5°/ 47.2°	252
13	CSX60S100 PRO (sy(252)	65	19580	2723	4.45	2.67e-07	175.8°/ 50.4°	300
14	CSX60S100 PRO (sy..(17)	65	19560	2723	4.45	2.68e-07	175.8°/ 50.4°	300
15	CSX60S100 PRO (sy(261)	23	24760	3244	4.19	1.67e-07	265.9°/ 47.4°	208
16	CSX60S100 PRO (sy..(26)	23	24720	3241	4.19	1.68e-07	265.9°/ 47.4°	208
17	CSX60S100 PRO (sy(236)	43	20990	2537	3.87	2.32e-07	116.2°/ 50.4°	269
18	CSX60S100 PRO (sy... (1)	43	20970	2538	3.87	2.33e-07	116.2°/ 50.4°	268
19	CSX60S100 PRO (sy... (2)	23	36050	4115	3.65	7.88e-08	85.9°/ 47.4°	269
20	CSX60S100 PRO (sy(237)	23	36110	4120	3.65	7.85e-08	85.9°/ 47.4°	269

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **lx/m²**

1	CSX60S100 PRO (sy..(58)	1553	16750	59390	113.49	3.65e-07	171.8°/ 56.2°	268
2	CSX60S100 PRO (sy(293)	1551	16760	59320	113.25	3.64e-07	171.8°/ 56.2°	268
3	LED Floodlight - ... (234)	546	15450	10130	20.98	4.29e-07	11.0°/ -40.0°	355
4	LED Floodlight - ... (228)	545	16040	10110	20.18	3.98e-07	10.0°/ -40.0°	368
5	CSX60S100 PRO (sy..(42)	162	16910	8389	15.87	3.58e-07	120.2°/ 56.2°	232
6	CSX60S100 PRO (sy(277)	162	16930	8381	15.84	3.57e-07	120.2°/ 56.2°	232
7	LED Floodlight - ... (227)	157	35280	16110	14.61	8.22e-08	265.0°/ -40.0°	345
8	LED Floodlight - ... (226)	202	29340	13170	14.37	1.19e-07	270.0°/ -40.0°	359
9	CSX60S100 PRO (sy(284)	25	48780	8121	5.33	4.30e-08	265.5°/ 47.2°	269
10	CSX60S100 PRO (sy..(49)	25	48730	8118	5.33	4.31e-08	265.5°/ 47.2°	269
11	CSX60S200 PRO (LU(278)	12	69420	10870	5.01	2.12e-08	74.9°/ 56.2°	233
12	CSX60S100 PRO (sy..(26)	28	27750	4289	4.95	1.33e-07	265.9°/ 47.4°	223
13	CSX60S100 PRO (sy(261)	28	27790	4290	4.94	1.33e-07	265.9°/ 47.4°	223
14	CSX60S100 PRO (sy..(41)	27	31570	4853	4.92	1.03e-07	85.5°/ 47.2°	232
15	CSX60S200 PRO (LU.(43)	12	69100	10610	4.91	2.14e-08	74.9°/ 56.2°	232
16	CSX60S100 PRO (sy(276)	27	31630	4857	4.91	1.02e-07	85.5°/ 47.2°	232
17	CSX60S100 PRO (sy..(17)	77	20520	3139	4.90	2.43e-07	175.8°/ 50.4°	318
18	CSX60S100 PRO (sy(252)	77	20530	3138	4.89	2.43e-07	175.8°/ 50.4°	318
19	CSX60S100 PRO (sy... (1)	55	21920	3109	4.54	2.13e-07	116.2°/ 50.4°	289
20	CSX60S100 PRO (sy(236)	55	21940	3106	4.53	2.13e-07	116.2°/ 50.4°	289

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	437	16850	16950	32.20	3.61e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	437	16860	16940	32.15	3.60e-07	171.8°/ 56.2°	268
3	LED Floodlight - ... (234)	495	15620	9379	19.22	4.20e-07	11.0°/ -40.0°	355
4	LED Floodlight - ... (228)	496	16200	9389	18.55	3.90e-07	10.0°/ -40.0°	368
5	LED Floodlight - ... (226)	186	30470	13060	13.71	1.10e-07	270.0°/ -40.0°	359
6	LED Floodlight - ... (227)	130	37620	15120	12.86	7.24e-08	265.0°/ -40.0°	345
7	CSX60S100 PRO (sy..(42)	118	17080	6231	11.67	3.51e-07	120.2°/ 56.2°	232
8	CSX60S100 PRO (sy(277)	117	17100	6223	11.65	3.50e-07	120.2°/ 56.2°	232
9	CSX60S100 PRO (sy(284)	23	52840	8669	5.25	3.67e-08	265.5°/ 47.2°	269
10	CSX60S100 PRO (sy..(49)	23	52780	8666	5.25	3.68e-08	265.5°/ 47.2°	268
11	CSX60S100 PRO (sy..(41)	24	33170	4839	4.67	9.31e-08	85.5°/ 47.2°	232
12	CSX60S100 PRO (sy(276)	24	33230	4840	4.66	9.27e-08	85.5°/ 47.2°	232
13	CSX60S100 PRO (sy..(17)	72	20650	2960	4.59	2.40e-07	175.8°/ 50.4°	318
14	CSX60S100 PRO (sy(252)	72	20670	2960	4.58	2.40e-07	175.8°/ 50.4°	318
15	CSX60S100 PRO (sy(261)	24	29000	3992	4.41	1.22e-07	265.9°/ 47.4°	223
16	CSX60S100 PRO (sy..(26)	24	28950	3992	4.41	1.22e-07	265.9°/ 47.4°	222
17	CSX60S100 PRO (sy(236)	48	22170	2748	3.97	2.08e-07	116.2°/ 50.4°	289
18	CSX60S100 PRO (sy... (1)	48	22150	2749	3.97	2.09e-07	116.2°/ 50.4°	289
19	CSX60S100 PRO (sy... (2)	24	36460	3662	3.21	7.70e-08	85.9°/ 47.4°	289
20	CSX60S100 PRO (sy(237)	24	36510	3666	3.21	7.68e-08	85.9°/ 47.4°	289

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy..(58)	1547	16680	59070	113.29	3.68e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	1545	16700	58990	113.03	3.67e-07	171.8°/ 56.2°	267
3	LED Floodlight - ... (234)	539	15470	10030	20.75	4.28e-07	11.0°/ -40.0°	354
4	LED Floodlight - ... (228)	538	16050	10010	19.96	3.97e-07	10.0°/ -40.0°	368
5	CSX60S100 PRO (sy..(42)	168	16820	8638	16.43	3.62e-07	120.2°/ 56.2°	232
6	CSX60S100 PRO (sy(277)	168	16840	8625	16.39	3.61e-07	120.2°/ 56.2°	232
7	LED Floodlight - ... (227)	166	34470	16200	15.04	8.62e-08	265.0°/ -40.0°	345
8	LED Floodlight - ... (226)	201	28930	12710	14.06	1.22e-07	270.0°/ -40.0°	359
9	CSX60S100 PRO (sy..(49)	25	50490	8531	5.41	4.02e-08	265.5°/ 47.2°	268
10	CSX60S100 PRO (sy(284)	25	50550	8531	5.40	4.01e-08	265.5°/ 47.2°	268
11	CSX60S100 PRO (sy..(26)	28	28150	4409	5.01	1.29e-07	265.9°/ 47.4°	221
12	CSX60S100 PRO (sy(261)	28	28200	4410	5.00	1.29e-07	265.9°/ 47.4°	222
13	CSX60S100 PRO (sy..(17)	77	20490	3136	4.90	2.44e-07	175.8°/ 50.4°	318
14	CSX60S100 PRO (sy(252)	77	20510	3136	4.89	2.43e-07	175.8°/ 50.4°	318
15	CSX60S100 PRO (sy..(41)	27	30830	4680	4.86	1.08e-07	85.5°/ 47.2°	232
16	CSX60S100 PRO (sy(276)	27	30880	4686	4.86	1.07e-07	85.5°/ 47.2°	233
17	CSX60S100 PRO (sy... (1)	56	21840	3144	4.61	2.15e-07	116.2°/ 50.4°	289
18	CSX60S100 PRO (sy(236)	56	21860	3143	4.60	2.14e-07	116.2°/ 50.4°	289
19	CSX60S100 PRO (sy(292)	50	18480	2344	4.06	3.00e-07	206.5°/ 47.2°	267
20	CSX60S100 PRO (sy..(57)	50	18460	2345	4.06	3.00e-07	206.5°/ 47.2°	267

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy..(58)	432	16780	16710	31.86	3.63e-07	171.8°/ 56.2°	267
2	CSX60S100 PRO (sy(293)	431	16800	16690	31.79	3.63e-07	171.8°/ 56.2°	267
3	LED Floodlight - ... (234)	487	15630	9254	18.94	4.19e-07	11.0°/ -40.0°	354
4	LED Floodlight - ... (228)	488	16220	9268	18.29	3.89e-07	10.0°/ -40.0°	368
5	LED Floodlight - ... (226)	192	30010	13120	13.99	1.14e-07	270.0°/ -40.0°	359
6	LED Floodlight - ... (227)	143	36630	15790	13.79	7.63e-08	265.0°/ -40.0°	344
7	CSX60S100 PRO (sy..(42)	121	16980	6317	11.90	3.55e-07	120.2°/ 56.2°	232
8	CSX60S100 PRO (sy(277)	120	17000	6313	11.88	3.54e-07	120.2°/ 56.2°	232
9	CSX60S100 PRO (sy..(49)	23	55090	9333	5.42	3.37e-08	265.5°/ 47.2°	268
10	CSX60S100 PRO (sy(284)	23	55150	9331	5.41	3.37e-08	265.5°/ 47.2°	268
11	CSX60S100 PRO (sy(276)	25	32360	4676	4.62	9.78e-08	85.5°/ 47.2°	232
12	CSX60S100 PRO (sy..(41)	25	32310	4669	4.62	9.81e-08	85.5°/ 47.2°	232
13	CSX60S100 PRO (sy..(17)	72	20630	2955	4.58	2.41e-07	175.8°/ 50.4°	317
14	CSX60S100 PRO (sy(252)	72	20640	2954	4.58	2.40e-07	175.8°/ 50.4°	318
15	CSX60S100 PRO (sy(261)	23	29480	4054	4.40	1.18e-07	265.9°/ 47.4°	221
16	CSX60S100 PRO (sy..(26)	23	29440	4050	4.40	1.18e-07	265.9°/ 47.4°	221
17	CSX60S100 PRO (sy(236)	48	22080	2752	3.99	2.10e-07	116.2°/ 50.4°	289
18	CSX60S100 PRO (sy... (1)	48	22060	2753	3.99	2.10e-07	116.2°/ 50.4°	289
19	CSX60S100 PRO (sy... (2)	24	35890	3682	3.28	7.95e-08	85.9°/ 47.4°	289
20	CSX60S100 PRO (sy(237)	24	35940	3681	3.28	7.93e-08	85.9°/ 47.4°	289

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(58)	1414	18250	53740	94.25	3.08e-07	171.8°/ 56.2°	292
2	CSX60S100 PRO (sy(293)	1411	18260	53630	93.98	3.07e-07	171.8°/ 56.2°	293
3	CSX60S300 PRO (Ll(266)	6	212400	46010	6.93	2.27e-09	274.8°/ 68.0°	245
4	CSX60S300 PRO (LU.(31)	6	210200	45090	6.86	2.32e-09	274.8°/ 68.0°	244
5	CSX60S100 PRO (sy..(49)	24	77100	16300	6.76	1.72e-08	265.5°/ 47.2°	294
6	CSX60S100 PRO (sy(284)	24	77160	16290	6.76	1.72e-08	265.5°/ 47.2°	294
7	CSX60S100 PRO (sy..(26)	26	37580	6041	5.14	7.25e-08	265.9°/ 47.4°	245
8	CSX60S100 PRO (sy(261)	26	37630	6045	5.14	7.23e-08	265.9°/ 47.4°	245
9	CSX60S100 PRO (sy..(57)	45	20580	2180	3.39	2.42e-07	206.5°/ 47.2°	292
10	CSX60S100 PRO (sy(292)	45	20600	2179	3.39	2.41e-07	206.5°/ 47.2°	293
11	CSX60S300 PRO (LU.(55)	4	73900	2598	1.13	1.88e-08	264.6°/ 67.1°	293
12	CSX60S300 PRO (Ll(290)	4	73940	2596	1.12	1.87e-08	264.6°/ 67.1°	293
13	CSX60S300 PRO (LU.(32)	4	25240	437	0.55	1.61e-07	255.4°/ 66.8°	244
14	CSX60S300 PRO (Ll(267)	4	25270	437	0.55	1.60e-07	255.4°/ 66.8°	245
15	CSX60S200 PRO (LU.(30)	4	20360	305	0.48	2.47e-07	243.8°/ 65.9°	244
16	CSX60S200 PRO (Ll(265)	4	20380	305	0.48	2.46e-07	243.8°/ 65.9°	245
17	CSX60S200 PRO (Ll(288)	4	28570	416	0.47	1.25e-07	245.2°/ 64.7°	294
18	CSX60S200 PRO (LU.(53)	4	28550	416	0.47	1.26e-07	245.2°/ 64.7°	293
19	CSX60S200 PRO (LU.(28)	3	30920	423	0.44	1.07e-07	261.6°/ 56.8°	245
20	CSX60S200 PRO (Ll(263)	3	30950	423	0.44	1.07e-07	261.6°/ 56.8°	245

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy..(58)	491	18350	18910	32.98	3.04e-07	171.8°/ 56.2°	292
2	CSX60S100 PRO (sy(293)	491	18360	18890	32.92	3.04e-07	171.8°/ 56.2°	292
3	LED Floodlight - ... (234)	456	16980	8773	16.54	3.55e-07	11.0°/ -40.0°	382
4	LED Floodlight - ... (228)	459	17560	8826	16.08	3.32e-07	10.0°/ -40.0°	396
5	LED Floodlight - ... (227)	174	36560	16260	14.23	7.66e-08	265.0°/ -40.0°	373
6	LED Floodlight - ... (226)	200	30920	12380	12.81	1.07e-07	270.0°/ -40.0°	388
7	CSX60S100 PRO (sy..(42)	124	18830	6290	10.69	2.89e-07	120.2°/ 56.2°	261
8	CSX60S100 PRO (sy(277)	124	18850	6282	10.66	2.88e-07	120.2°/ 56.2°	261
9	CSX60S100 PRO (sy..(49)	23	91260	22120	7.76	1.23e-08	265.5°/ 47.2°	293
10	CSX60S100 PRO (sy(284)	23	91310	22110	7.75	1.23e-08	265.5°/ 47.2°	294
11	CSX60S100 PRO (sy(261)	24	39990	6195	4.96	6.40e-08	265.9°/ 47.4°	245
12	CSX60S100 PRO (sy..(26)	24	39940	6194	4.96	6.42e-08	265.9°/ 47.4°	244
13	CSX60S100 PRO (sy..(17)	70	22430	2908	4.15	2.04e-07	175.8°/ 50.4°	345
14	CSX60S100 PRO (sy(252)	70	22440	2907	4.14	2.03e-07	175.8°/ 50.4°	345
15	CSX60S100 PRO (sy(276)	24	34090	3991	3.75	8.81e-08	85.5°/ 47.2°	261
16	CSX60S100 PRO (sy..(41)	24	34040	3992	3.75	8.84e-08	85.5°/ 47.2°	261
17	CSX60S100 PRO (sy(236)	48	24090	2679	3.56	1.76e-07	116.2°/ 50.4°	319
18	CSX60S100 PRO (sy... (1)	48	24070	2681	3.56	1.77e-07	116.2°/ 50.4°	319
19	CSX60S300 PRO (LU.(31)	3	205400	21170	3.30	2.43e-09	274.8°/ 68.0°	244
20	CSX60S300 PRO (Ll(266)	3	204000	20720	3.25	2.46e-09	274.8°/ 68.0°	244

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S100 PRO (sy..(58)	1143	21540	43460	64.57	2.21e-07	171.8°/ 56.2°	345
2	CSX60S100 PRO (sy(293)	1141	21550	43390	64.42	2.20e-07	171.8°/ 56.2°	345
3	LED Floodlight - ... (234)	444	19520	8584	14.07	2.69e-07	11.0°/ -40.0°	439
4	LED Floodlight - ... (228)	451	20100	8686	13.83	2.53e-07	10.0°/ -40.0°	452
5	CSX60S100 PRO (sy..(42)	185	22420	8935	12.75	2.04e-07	120.2°/ 56.2°	319
6	CSX60S100 PRO (sy(277)	185	22440	8928	12.73	2.03e-07	120.2°/ 56.2°	319
7	LED Floodlight - ... (227)	183	36760	13040	11.35	7.58e-08	265.0°/ -40.0°	431
8	LED Floodlight - ... (226)	177	32490	9214	9.07	9.70e-08	270.0°/ -40.0°	446
9	CSX60S100 PRO (sy..(26)	25	81870	18890	7.38	1.53e-08	265.9°/ 47.4°	294
10	CSX60S100 PRO (sy(261)	25	81930	18880	7.37	1.53e-08	265.9°/ 47.4°	294
11	CSX60S100 PRO (sy..(17)	74	25970	3064	3.78	1.52e-07	175.8°/ 50.4°	399
12	CSX60S100 PRO (sy(252)	74	25990	3064	3.77	1.52e-07	175.8°/ 50.4°	400
13	CSX60S100 PRO (sy(236)	55	27910	2939	3.37	1.31e-07	116.2°/ 50.4°	377
14	CSX60S100 PRO (sy... (1)	55	27890	2941	3.37	1.32e-07	116.2°/ 50.4°	377
15	CSX60S100 PRO (sy..(41)	27	37490	3624	3.09	7.29e-08	85.5°/ 47.2°	319
16	CSX60S100 PRO (sy(276)	27	37530	3627	3.09	7.27e-08	85.5°/ 47.2°	320
17	CSX60S100 PRO (sy..(57)	40	25040	2075	2.65	1.63e-07	206.5°/ 47.2°	345
18	CSX60S100 PRO (sy(292)	40	25050	2074	2.65	1.63e-07	206.5°/ 47.2°	345
19	CSX60S100 PRO (sy... (2)	25	42270	3036	2.30	5.73e-08	85.9°/ 47.4°	377
20	CSX60S100 PRO (sy(237)	25	42310	3033	2.29	5.72e-08	85.9°/ 47.4°	378

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy..(58)	403	21640	15480	22.89	2.19e-07	171.8°/ 56.2°	345
2	CSX60S100 PRO (sy(293)	402	21660	15460	22.84	2.18e-07	171.8°/ 56.2°	345
3	LED Floodlight - ... (234)	399	19690	7856	12.77	2.64e-07	11.0°/ -40.0°	439
4	LED Floodlight - ... (228)	407	20280	7983	12.60	2.49e-07	10.0°/ -40.0°	452
5	LED Floodlight - ... (227)	185	38050	14070	11.83	7.07e-08	265.0°/ -40.0°	431
6	CSX60S100 PRO (sy..(42)	121	22580	5937	8.42	2.01e-07	120.2°/ 56.2°	319
7	CSX60S100 PRO (sy..(26)	23	99290	26080	8.41	1.04e-08	265.9°/ 47.4°	294
8	CSX60S100 PRO (sy(277)	121	22600	5934	8.40	2.01e-07	120.2°/ 56.2°	319
9	CSX60S100 PRO (sy(261)	23	99340	26060	8.39	1.04e-08	265.9°/ 47.4°	294
10	LED Floodlight - ... (226)	157	33290	8547	8.22	9.24e-08	270.0°/ -40.0°	446
11	CSX60S100 PRO (sy(252)	70	26130	2905	3.56	1.50e-07	175.8°/ 50.4°	400
12	CSX60S100 PRO (sy..(17)	70	26110	2906	3.56	1.50e-07	175.8°/ 50.4°	399
13	CSX60S100 PRO (sy... (1)	49	28100	2649	3.02	1.30e-07	116.2°/ 50.4°	377
14	CSX60S100 PRO (sy(236)	49	28120	2647	3.01	1.29e-07	116.2°/ 50.4°	377
15	CSX60S100 PRO (sy(276)	25	38530	3571	2.97	6.90e-08	85.5°/ 47.2°	319
16	CSX60S100 PRO (sy..(41)	25	38480	3564	2.96	6.92e-08	85.5°/ 47.2°	319
17	CSX60S100 PRO (sy(237)	23	43170	2989	2.22	5.49e-08	85.9°/ 47.4°	377
18	CSX60S100 PRO (sy... (2)	23	43130	2987	2.22	5.51e-08	85.9°/ 47.4°	377
19	CSX60S100 PRO (sy(292)	30	25270	1556	1.97	1.60e-07	206.5°/ 47.2°	345
20	CSX60S100 PRO (sy..(57)	30	25250	1556	1.97	1.61e-07	206.5°/ 47.2°	345

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S100 PRO (sy..(58)	804	25000	30700	39.29	1.64e-07	171.8°/ 56.2°	400
2	CSX60S100 PRO (sy(293)	803	25020	30660	39.22	1.64e-07	171.8°/ 56.2°	400
3	LED Floodlight - ... (234)	394	22270	7776	11.17	2.06e-07	11.0°/ -40.0°	496
4	LED Floodlight - ... (228)	405	22850	7943	11.12	1.96e-07	10.0°/ -40.0°	510
5	CSX60S100 PRO (sy..(42)	192	26230	9025	11.01	1.49e-07	120.2°/ 56.2°	378
6	CSX60S100 PRO (sy(277)	191	26250	9008	10.98	1.49e-07	120.2°/ 56.2°	378
7	LED Floodlight - ... (227)	200	39210	12610	10.29	6.66e-08	265.0°/ -40.0°	488
8	LED Floodlight - ... (226)	183	35210	8762	7.96	8.26e-08	270.0°/ -40.0°	503
9	CSX60S100 PRO (sy(252)	73	29770	3052	3.28	1.16e-07	175.8°/ 50.4°	456
10	CSX60S100 PRO (sy..(17)	73	29760	3052	3.28	1.16e-07	175.8°/ 50.4°	455
11	CSX60S100 PRO (sy... (1)	54	31950	2845	2.85	1.00e-07	116.2°/ 50.4°	436
12	CSX60S100 PRO (sy(236)	54	31970	2845	2.85	1.00e-07	116.2°/ 50.4°	436
13	CSX60S100 PRO (sy..(41)	24	42480	3019	2.27	5.68e-08	85.5°/ 47.2°	378
14	CSX60S100 PRO (sy(276)	24	42520	3016	2.27	5.66e-08	85.5°/ 47.2°	378
15	CSX60S100 PRO (sy(292)	37	29760	2001	2.15	1.16e-07	206.5°/ 47.2°	400
16	CSX60S100 PRO (sy..(57)	37	29740	2002	2.15	1.16e-07	206.5°/ 47.2°	400
17	CSX60S100 PRO (sy(237)	25	47480	2891	1.95	4.54e-08	85.9°/ 47.4°	436
18	CSX60S100 PRO (sy... (2)	25	47440	2890	1.95	4.55e-08	85.9°/ 47.4°	436
19	CSX60S100 PRO (sy..(18)	33	34560	1875	1.74	8.57e-08	206.1°/ 47.4°	455
20	CSX60S100 PRO (sy(253)	33	34570	1874	1.73	8.57e-08	206.1°/ 47.4°	456

I(p) IO 14 Schwarzkehlchenweg 30 O((1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy..(58)	383	25110	14750	18.80	1.62e-07	171.8°/ 56.2°	400
2	CSX60S100 PRO (sy(293)	382	25120	14740	18.78	1.62e-07	171.8°/ 56.2°	400
3	LED Floodlight - ... (234)	384	22450	7695	10.97	2.03e-07	11.0°/ -40.0°	496
4	LED Floodlight - ... (228)	385	23030	7688	10.68	1.93e-07	10.0°/ -40.0°	510
5	LED Floodlight - ... (227)	198	40270	13170	10.47	6.31e-08	265.0°/ -40.0°	488
6	LED Floodlight - ... (226)	189	35910	9380	8.36	7.94e-08	270.0°/ -40.0°	503
7	CSX60S100 PRO (sy..(42)	120	26380	5721	6.94	1.47e-07	120.2°/ 56.2°	377
8	CSX60S100 PRO (sy(277)	120	26390	5722	6.94	1.47e-07	120.2°/ 56.2°	378
9	CSX60S100 PRO (sy..(17)	67	29900	2825	3.02	1.15e-07	175.8°/ 50.4°	455
10	CSX60S100 PRO (sy(252)	67	29920	2825	3.02	1.14e-07	175.8°/ 50.4°	455
11	CSX60S100 PRO (sy... (1)	49	32160	2611	2.60	9.90e-08	116.2°/ 50.4°	436
12	CSX60S100 PRO (sy(236)	49	32180	2611	2.60	9.89e-08	116.2°/ 50.4°	436
13	CSX60S100 PRO (sy..(41)	23	43340	3011	2.22	5.45e-08	85.5°/ 47.2°	378
14	CSX60S100 PRO (sy(276)	23	43380	3013	2.22	5.44e-08	85.5°/ 47.2°	378
15	CSX60S100 PRO (sy... (2)	23	48220	2780	1.85	4.40e-08	85.9°/ 47.4°	436
16	CSX60S100 PRO (sy(237)	23	48260	2782	1.84	4.40e-08	85.9°/ 47.4°	436
17	CSX60S100 PRO (sy(292)	28	30000	1554	1.66	1.14e-07	206.5°/ 47.2°	400
18	CSX60S100 PRO (sy..(57)	28	29980	1554	1.66	1.14e-07	206.5°/ 47.2°	399
19	CSX60S100 PRO (sy..(18)	28	34810	1571	1.44	8.45e-08	206.1°/ 47.4°	455
20	CSX60S100 PRO (sy(253)	27	34830	1570	1.44	8.44e-08	206.1°/ 47.4°	455

I(p) IO 15 Schwarzkehlchenweg 44 E((1658.55m / 980.45m / 2.60m)²

1	CSX60S100 PRO (sy..(58)	677	27960	26010	29.77	1.31e-07	171.8°/ 56.2°	446
2	CSX60S100 PRO (sy(293)	676	27970	25980	29.72	1.31e-07	171.8°/ 56.2°	446
3	LED Floodlight - ... (234)	384	24590	7693	10.01	1.69e-07	11.0°/ -40.0°	543
4	LED Floodlight - ... (228)	386	25160	7685	9.78	1.62e-07	10.0°/ -40.0°	557
5	CSX60S100 PRO (sy..(42)	188	29410	8745	9.52	1.18e-07	120.2°/ 56.2°	426
6	CSX60S100 PRO (sy(277)	188	29420	8737	9.50	1.18e-07	120.2°/ 56.2°	426
7	LED Floodlight - ... (227)	192	41570	11240	8.65	5.92e-08	265.0°/ -40.0°	536
8	LED Floodlight - ... (226)	177	37630	8026	6.82	7.23e-08	270.0°/ -40.0°	551
9	CSX60S200 PRO (LL(241)	4	583100	63440	3.48	3.01e-10	63.8°/ 65.9°	485
10	CSX60S200 PRO (LU...(6)	4	558100	58160	3.33	3.29e-10	63.8°/ 65.9°	485
11	CSX60S100 PRO (sy..(17)	70	32950	2960	2.87	9.43e-08	175.8°/ 50.4°	502
12	CSX60S100 PRO (sy(252)	70	32970	2960	2.87	9.42e-08	175.8°/ 50.4°	502
13	CSX60S100 PRO (sy(236)	54	35350	2794	2.53	8.20e-08	116.2°/ 50.4°	485
14	CSX60S100 PRO (sy... (1)	54	35330	2794	2.53	8.20e-08	116.2°/ 50.4°	485
15	CSX60S100 PRO (sy(276)	25	46850	2965	2.03	4.67e-08	85.5°/ 47.2°	426
16	CSX60S100 PRO (sy..(41)	25	46810	2963	2.03	4.67e-08	85.5°/ 47.2°	426
17	CSX60S200 PRO (LL(280)	4	249800	15060	1.93	1.64e-09	65.2°/ 64.7°	427
18	CSX60S200 PRO (LU.(45)	4	246800	14720	1.91	1.68e-09	65.2°/ 64.7°	426
19	CSX60S100 PRO (sy(292)	33	33800	1861	1.76	8.96e-08	206.5°/ 47.2°	446
20	CSX60S100 PRO (sy..(57)	33	33780	1862	1.76	8.97e-08	206.5°/ 47.2°	446

I(p) IO 15 Schwarzkehlchenweg 44 O((1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy..(58)	340	28060	13170	15.02	1.30e-07	171.8°/ 56.2°	446
2	CSX60S100 PRO (sy(293)	340	28080	13170	15.01	1.30e-07	171.8°/ 56.2°	446
3	LED Floodlight - ... (234)	381	24770	7742	10.00	1.67e-07	11.0°/ -40.0°	543
4	LED Floodlight - ... (228)	381	25340	7706	9.73	1.60e-07	10.0°/ -40.0°	557
5	LED Floodlight - ... (227)	199	42520	12220	9.20	5.66e-08	265.0°/ -40.0°	536
6	LED Floodlight - ... (226)	181	38270	8525	7.13	6.99e-08	270.0°/ -40.0°	551
7	CSX60S100 PRO (sy(277)	120	29570	5647	6.11	1.17e-07	120.2°/ 56.2°	426
8	CSX60S100 PRO (sy..(42)	120	29550	5636	6.10	1.17e-07	120.2°/ 56.2°	426
9	CSX60S200 PRO (LL(280)	4	405600	39750	3.14	6.22e-10	65.2°/ 64.7°	426
10	CSX60S200 PRO (LU.(45)	4	393600	37470	3.05	6.61e-10	65.2°/ 64.7°	426
11	CSX60S200 PRO (LU...(6)	4	554900	49180	2.84	3.33e-10	63.8°/ 65.9°	485
12	CSX60S100 PRO (sy(252)	66	33120	2815	2.72	9.34e-08	175.8°/ 50.4°	502
13	CSX60S100 PRO (sy..(17)	66	33100	2815	2.72	9.35e-08	175.8°/ 50.4°	502
14	CSX60S200 PRO (LL(241)	4	533900	44840	2.69	3.59e-10	63.8°/ 65.9°	485
15	CSX60S100 PRO (sy(236)	50	35550	2623	2.36	8.10e-08	116.2°/ 50.4°	485
16	CSX60S100 PRO (sy... (1)	50	35530	2623	2.36	8.11e-08	116.2°/ 50.4°	484
17	CSX60S100 PRO (sy(276)	24	47650	2876	1.93	4.51e-08	85.5°/ 47.2°	426
18	CSX60S100 PRO (sy..(41)	24	47610	2873	1.93	4.52e-08	85.5°/ 47.2°	426
19	CSX60S100 PRO (sy... (2)	23	52580	2690	1.64	3.70e-08	85.9°/ 47.4°	485
20	CSX60S100 PRO (sy(237)	23	52620	2692	1.64	3.70e-08	85.9°/ 47.4°	485

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy... (1)	--	10120000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	LED Floodlight - ... (227)	305	30750	8280	8.62	1.08e-07	265.0°/ -40.0°	583
2	LED Floodlight - ... (226)	311	30200	7732	8.19	1.12e-07	270.0°/ -40.0°	598
3	CSX60S100 PRO (sy..(42)	202	31330	7872	8.04	1.04e-07	120.2°/ 56.2°	495
4	CSX60S100 PRO (sy(277)	202	31340	7872	8.04	1.04e-07	120.2°/ 56.2°	496
5	CSX60S100 PRO (sy(293)	93	33390	4477	4.29	9.18e-08	171.8°/ 56.2°	475
6	CSX60S100 PRO (sy..(58)	93	33390	4476	4.29	9.19e-08	171.8°/ 56.2°	475
7	CSX60S100 PRO (sy... (1)	60	36500	2549	2.23	7.69e-08	116.2°/ 50.4°	552
8	CSX60S100 PRO (sy(236)	60	36510	2549	2.23	7.68e-08	116.2°/ 50.4°	552
9	CSX60S100 PRO (sy..(17)	43	39730	2324	1.87	6.49e-08	175.8°/ 50.4°	534
10	CSX60S100 PRO (sy(252)	43	39740	2325	1.87	6.48e-08	175.8°/ 50.4°	534
11	CSX60S100 PRO (sy..(57)	23	55700	3144	1.81	3.30e-08	206.5°/ 47.2°	475
12	CSX60S100 PRO (sy(292)	23	55690	3141	1.80	3.30e-08	206.5°/ 47.2°	475
13	CSX60S100 PRO (sy..(18)	22	60490	2779	1.47	2.80e-08	206.1°/ 47.4°	534
14	CSX60S100 PRO (sy(253)	22	60480	2776	1.47	2.80e-08	206.1°/ 47.4°	534
15	CSX60S100 PRO (sy..(41)	26	38090	1487	1.25	7.06e-08	85.5°/ 47.2°	496
16	CSX60S100 PRO (sy(276)	26	38110	1488	1.25	7.05e-08	85.5°/ 47.2°	496
17	CSX60S100 PRO (sy... (2)	25	42950	1456	1.08	5.55e-08	85.9°/ 47.4°	552
18	CSX60S100 PRO (sy(237)	25	42970	1454	1.08	5.55e-08	85.9°/ 47.4°	552
19	CSX60S300 PRO (LU(251)	4	114400	2742	0.77	7.83e-09	36.6°/ 66.8°	442
20	CSX60S300 PRO (LU.(16)	4	113800	2718	0.76	7.90e-09	36.6°/ 66.8°	442

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy... (1)	--	30360000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	30360000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	30360000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	30360000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	30360000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	30360000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	30360000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	30360000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	30360000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	30360000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	30360000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	30360000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	30360000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	30360000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	30360000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	30360000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	30360000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	30360000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	30360000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	30360000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy... (1)	--	30360000	--	0.00	1.00e-12	116.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy... (2)	--	30360000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	30360000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	30360000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	30360000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	30360000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	30360000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	30360000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	30360000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	30360000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	30360000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	30360000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	30360000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	30360000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	30360000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	30360000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	30360000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	30360000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	30360000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	30360000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy..(42)	1574	59550	59680	96.20	2.60e-07	120.2°/ 56.2°	319
2	CSX60S100 PRO (sy(277)	1571	59580	59570	95.98	2.60e-07	120.2°/ 56.2°	319
3	CSX60S100 PRO (sy(245)	28	613200	158600	24.83	2.45e-09	26.1°/ 47.4°	266
4	CSX60S100 PRO (sy..(10)	28	581600	142800	23.57	2.72e-09	26.1°/ 47.4°	266
5	CSX60S100 PRO (sy(293)	297	60850	13450	21.22	2.49e-07	171.8°/ 56.2°	298
6	CSX60S100 PRO (sy..(58)	297	60830	13430	21.20	2.49e-07	171.8°/ 56.2°	298
7	LED Floodlight - ... (227)	311	63510	8272	12.50	2.28e-07	265.0°/ -40.0°	406
8	LED Floodlight - ... (234)	301	64620	8408	12.49	2.21e-07	11.0°/ -40.0°	403
9	LED Floodlight - ... (228)	305	66120	8305	12.06	2.11e-07	10.0°/ -40.0°	417
10	LED Floodlight - ... (226)	303	63160	7405	11.26	2.31e-07	270.0°/ -40.0°	421
11	CSX60S100 PRO (sy(236)	75	73100	3120	4.10	1.72e-07	116.2°/ 50.4°	374
12	CSX60S100 PRO (sy... (1)	75	73070	3120	4.10	1.73e-07	116.2°/ 50.4°	374
13	CSX60S100 PRO (sy..(17)	61	76940	3059	3.82	1.56e-07	175.8°/ 50.4°	357
14	CSX60S100 PRO (sy(252)	61	76960	3058	3.81	1.56e-07	175.8°/ 50.4°	357
15	CSX60S100 PRO (sy..(57)	28	93870	3060	3.13	1.05e-07	206.5°/ 47.2°	298
16	CSX60S100 PRO (sy(292)	28	93870	3055	3.12	1.05e-07	206.5°/ 47.2°	298
17	CSX60S100 PRO (sy(276)	43	70570	2279	3.10	1.85e-07	85.5°/ 47.2°	319
18	CSX60S100 PRO (sy..(41)	43	70520	2277	3.10	1.85e-07	85.5°/ 47.2°	319
19	CSX60S100 PRO (sy(253)	28	110100	2844	2.48	7.60e-08	206.1°/ 47.4°	357
20	CSX60S100 PRO (sy..(18)	28	110100	2844	2.48	7.60e-08	206.1°/ 47.4°	357

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(277)	504	59880	19330	30.99	2.57e-07	120.2°/ 56.2°	318
2	CSX60S100 PRO (sy..(42)	504	59850	19320	30.99	2.57e-07	120.2°/ 56.2°	318
3	LED Floodlight - ... (227)	304	64360	8316	12.40	2.23e-07	265.0°/ -40.0°	406
4	CSX60S100 PRO (sy..(58)	171	61230	7878	12.35	2.46e-07	171.8°/ 56.2°	297
5	CSX60S100 PRO (sy(293)	171	61250	7834	12.28	2.46e-07	171.8°/ 56.2°	298
6	LED Floodlight - ... (234)	291	65530	8377	12.27	2.15e-07	11.0°/ -40.0°	402
7	LED Floodlight - ... (228)	300	67000	8407	12.05	2.05e-07	10.0°/ -40.0°	417
8	LED Floodlight - ... (226)	314	63900	7868	11.82	2.26e-07	270.0°/ -40.0°	421
9	CSX60S100 PRO (sy..(10)	12	483600	44660	8.87	3.94e-09	26.1°/ 47.4°	266
10	CSX60S100 PRO (sy(245)	12	468100	38740	7.95	4.21e-09	26.1°/ 47.4°	266
11	CSX60S100 PRO (sy(236)	70	73520	2938	3.84	1.70e-07	116.2°/ 50.4°	374
12	CSX60S100 PRO (sy... (1)	70	73490	2939	3.84	1.71e-07	116.2°/ 50.4°	374
13	CSX60S100 PRO (sy..(17)	54	77510	2758	3.42	1.53e-07	175.8°/ 50.4°	357
14	CSX60S100 PRO (sy(252)	54	77540	2759	3.42	1.53e-07	175.8°/ 50.4°	357
15	CSX60S100 PRO (sy..(57)	25	95950	2781	2.78	1.00e-07	206.5°/ 47.2°	298
16	CSX60S100 PRO (sy(292)	25	95950	2776	2.78	1.00e-07	206.5°/ 47.2°	298
17	CSX60S100 PRO (sy(276)	32	71240	1720	2.32	1.82e-07	85.5°/ 47.2°	319
18	CSX60S100 PRO (sy..(41)	32	71190	1713	2.31	1.82e-07	85.5°/ 47.2°	319
19	CSX60S100 PRO (sy..(18)	24	112100	2565	2.20	7.34e-08	206.1°/ 47.4°	357
20	CSX60S100 PRO (sy(253)	24	112100	2561	2.19	7.34e-08	206.1°/ 47.4°	357

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy..(42)	1990	47820	74950	150.45	4.03e-07	120.2°/ 56.2°	257
2	CSX60S100 PRO (sy(277)	1989	47840	74910	150.31	4.03e-07	120.2°/ 56.2°	257
3	CSX60S100 PRO (sy(293)	291	47540	13440	27.14	4.08e-07	171.8°/ 56.2°	231
4	CSX60S100 PRO (sy..(58)	290	47510	13400	27.08	4.08e-07	171.8°/ 56.2°	230
5	LED Floodlight - ... (227)	320	51840	8132	15.06	3.43e-07	265.0°/ -40.0°	339

6	LED Floodlight - ... (234)	291	54560	8374	14.73	3.10e-07	11.0°/ -40.0°	335
7	LED Floodlight - ... (228)	300	56130	8406	14.38	2.93e-07	10.0°/ -40.0°	349
8	LED Floodlight - ... (226)	301	52150	7107	13.08	3.39e-07	270.0°/ -40.0°	354
9	CSX60S100 PRO (sy(268)	27	307700	41910	13.07	9.73e-09	26.5°/ 47.2°	258
10	CSX60S100 PRO (sy..(33)	27	303000	40560	12.85	1.00e-08	26.5°/ 47.2°	258
11	CSX60S100 PRO (sy(245)	27	101300	6908	6.55	8.98e-08	26.1°/ 47.4°	208
12	CSX60S100 PRO (sy..(10)	27	100900	6864	6.53	9.05e-08	26.1°/ 47.4°	207
13	CSX60S100 PRO (sy(236)	78	60120	3200	5.11	2.55e-07	116.2°/ 50.4°	310
14	CSX60S100 PRO (sy... (1)	79	60090	3201	5.11	2.55e-07	116.2°/ 50.4°	310
15	CSX60S100 PRO (sy..(17)	62	62760	3186	4.87	2.34e-07	175.8°/ 50.4°	289
16	CSX60S100 PRO (sy(252)	62	62780	3187	4.87	2.34e-07	175.8°/ 50.4°	290
17	CSX60S100 PRO (sy..(57)	31	75270	3586	4.57	1.63e-07	206.5°/ 47.2°	230
18	CSX60S100 PRO (sy(292)	31	75260	3579	4.57	1.63e-07	206.5°/ 47.2°	231
19	CSX60S100 PRO (sy..(41)	51	54680	2504	4.40	3.08e-07	85.5°/ 47.2°	257
20	CSX60S100 PRO (sy(276)	51	54720	2505	4.39	3.08e-07	85.5°/ 47.2°	257

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S300 PRO (LU.(39)	4	30360000	63080000	199.48	1.00e-12	27.4°/ 67.1°	258
2	CSX60S300 PRO (LU(274)	4	30360000	63020000	199.29	1.00e-12	27.4°/ 67.1°	258
3	CSX60S100 PRO (sy..(33)	21	983500	330300	32.24	9.53e-10	26.5°/ 47.2°	257
4	CSX60S100 PRO (sy..(42)	401	48260	15420	30.67	3.96e-07	120.2°/ 56.2°	256
5	CSX60S100 PRO (sy(277)	401	48290	15410	30.64	3.95e-07	120.2°/ 56.2°	256
6	CSX60S100 PRO (sy(268)	20	859400	242300	27.07	1.25e-09	26.5°/ 47.2°	258
7	LED Floodlight - ... (227)	310	53050	8264	14.95	3.27e-07	265.0°/ -40.0°	339
8	LED Floodlight - ... (228)	277	57540	8156	13.61	2.78e-07	10.0°/ -40.0°	349
9	LED Floodlight - ... (226)	306	53230	7512	13.55	3.25e-07	270.0°/ -40.0°	354
10	LED Floodlight - ... (234)	257	56040	7798	13.36	2.94e-07	11.0°/ -40.0°	335
11	CSX60S100 PRO (sy(293)	131	48150	6220	12.40	3.97e-07	171.8°/ 56.2°	230
12	CSX60S100 PRO (sy..(58)	130	48130	6180	12.33	3.98e-07	171.8°/ 56.2°	230
13	CSX60S100 PRO (sy(245)	23	115300	7796	6.49	6.93e-08	26.1°/ 47.4°	207
14	CSX60S100 PRO (sy..(10)	23	114800	7732	6.47	7.00e-08	26.1°/ 47.4°	207
15	CSX60S100 PRO (sy... (1)	69	60710	2869	4.54	2.50e-07	116.2°/ 50.4°	310
16	CSX60S100 PRO (sy(236)	69	60740	2868	4.53	2.50e-07	116.2°/ 50.4°	310
17	CSX60S100 PRO (sy(252)	50	63670	2655	4.00	2.27e-07	175.8°/ 50.4°	289
18	CSX60S100 PRO (sy..(17)	50	63640	2655	4.00	2.28e-07	175.8°/ 50.4°	289
19	CSX60S100 PRO (sy..(57)	23	78880	2986	3.63	1.48e-07	206.5°/ 47.2°	230
20	CSX60S100 PRO (sy(292)	23	78860	2980	3.63	1.48e-07	206.5°/ 47.2°	230

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(260)	205	12020	127600	339.67	7.09e-07	296.2°/ 50.4°	48
2	CSX60S200 PRO (LU(262)	212	11440	118800	332.45	7.83e-07	299.6°/ 57.6°	48
3	CSX60S100 PRO (sy..(25)	202	11890	122300	329.12	7.24e-07	296.2°/ 50.4°	48
4	CSX60S200 PRO (LU.(27)	210	11290	113800	322.47	8.03e-07	299.6°/ 57.6°	48
5	CSX60S200 PRO (LU.(29)	65	30050	249200	265.41	1.13e-07	297.0°/ 63.4°	48
6	CSX60S200 PRO (LU(264)	50	26720	152800	182.97	1.43e-07	297.0°/ 63.4°	48
7	CSX60S300 PRO (LU.(64)	106	16210	72120	142.40	3.90e-07	192.8°/ 67.9°	61
8	CSX60S300 PRO (LU(299)	106	15630	66870	136.89	4.19e-07	192.8°/ 67.9°	61
9	CSX60S200 PRO (LU.(60)	148	7540	21800	92.52	1.80e-06	183.4°/ 58.6°	61
10	CSX60S200 PRO (LU(295)	148	7490	21450	91.64	1.83e-06	183.4°/ 58.6°	62
11	CSX60S100 PRO (sy(293)	183	5681	15230	85.79	3.17e-06	171.8°/ 56.2°	62
12	CSX60S100 PRO (sy..(58)	182	5699	15220	85.46	3.15e-06	171.8°/ 56.2°	62
13	CSX60S100 PRO (sy(277)	280	9236	14090	48.82	1.20e-06	120.2°/ 56.2°	129
14	CSX60S100 PRO (sy..(42)	278	9249	14000	48.44	1.20e-06	120.2°/ 56.2°	129
15	CSX60S200 PRO (LU.(62)	102	4965	6522	42.03	4.15e-06	162.6°/ 62.9°	61
16	CSX60S200 PRO (LU(297)	102	4954	6438	41.59	4.17e-06	162.6°/ 62.9°	61
17	CSX60S200 PRO (LU.(38)	12	167500	199500	38.10	3.65e-09	342.6°/ 62.9°	129
18	LED Floodlight - ... (227)	381	7516	7713	32.84	1.81e-06	265.0°/ -40.0°	165
19	LED Floodlight - ... (226)	388	8041	7675	30.54	1.58e-06	270.0°/ -40.0°	179
20	LED Floodlight - ... (228)	241	10150	8406	26.50	9.94e-07	10.0°/ -40.0°	170

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	LED Floodlight - ... (226)	385	8432	8371	31.77	1.44e-06	270.0°/ -40.0°	179
2	LED Floodlight - ... (227)	345	7926	7768	31.36	1.63e-06	265.0°/ -40.0°	165
3	LED Floodlight - ... (234)	180	10780	8389	24.89	8.81e-07	11.0°/ -40.0°	156
4	CSX60S100 PRO (sy(293)	33	6433	3753	18.67	2.47e-06	171.8°/ 56.2°	60
5	CSX60S100 PRO (sy..(58)	33	6464	3738	18.50	2.45e-06	171.8°/ 56.2°	60
6	LED Floodlight - ... (228)	152	11120	6340	18.24	8.28e-07	10.0°/ -40.0°	170
7	CSX60S100 PRO (sy(277)	80	9550	4338	14.54	1.12e-06	120.2°/ 56.2°	128
8	CSX60S100 PRO (sy..(42)	79	9563	4331	14.49	1.12e-06	120.2°/ 56.2°	128
9	CSX60S100 PRO (sy..(18)	22	20680	7529	11.65	2.39e-07	206.1°/ 47.4°	111
10	CSX60S100 PRO (sy(253)	22	20560	7483	11.65	2.42e-07	206.1°/ 47.4°	111
11	CSX60S100 PRO (sy(269)	23	24360	8013	10.52	1.73e-07	351.8°/ 56.2°	128
12	CSX60S100 PRO (sy..(34)	23	24170	7905	10.46	1.75e-07	351.8°/ 56.2°	128
13	CSX60S100 PRO (sy..(17)	37	9279	2535	8.74	1.19e-06	175.8°/ 50.4°	111
14	CSX60S100 PRO (sy(252)	37	9279	2530	8.72	1.19e-06	175.8°/ 50.4°	111
15	CSX60S100 PRO (sy... (1)	59	10620	2622	7.90	9.09e-07	116.2°/ 50.4°	157
16	CSX60S100 PRO (sy(236)	59	10610	2619	7.90	9.09e-07	116.2°/ 50.4°	157
17	CSX60S100 PRO (sy... (9)	37	10190	2508	7.87	9.86e-07	355.8°/ 50.4°	122
18	CSX60S100 PRO (sy(244)	37	10190	2505	7.87	9.87e-07	355.8°/ 50.4°	122
19	CSX60S100 PRO (sy..(33)	26	10580	1754	5.30	9.14e-07	26.5°/ 47.2°	128
20	CSX60S100 PRO (sy(268)	26	10590	1745	5.27	9.13e-07	26.5°/ 47.2°	128

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(284)	78	44380	351600	253.50	5.20e-08	265.5°/ 47.2°	65
2	CSX60S100 PRO (sy..(49)	76	43970	334000	243.07	5.30e-08	265.5°/ 47.2°	66
3	CSX60S100 PRO (sy(252)	49	22640	112400	158.84	2.00e-07	175.8°/ 50.4°	47
4	LED Floodlight - ... (227)	766	3881	12800	105.54	6.80e-06	265.0°/ -40.0°	94
5	LED Floodlight - ... (226)	717	4298	12100	90.09	5.54e-06	270.0°/ -40.0°	103
6	CSX60S300 PRO (LL(291)	96	12060	31360	83.19	7.04e-07	279.2°/ 67.9°	66
7	CSX60S300 PRO (LU.(56)	95	12100	31160	82.43	7.00e-07	279.2°/ 67.9°	66
8	CSX60S200 PRO (LL(287)	134	7347	16410	71.47	1.90e-06	288.6°/ 58.6°	66
9	CSX60S200 PRO (LU.(52)	133	7374	16300	70.74	1.88e-06	288.6°/ 58.6°	66
10	CSX60S100 PRO (sy(285)	164	5895	13010	70.62	2.95e-06	299.1°/ 52.7°	65
11	CSX60S100 PRO (sy..(50)	163	5917	12950	70.03	2.92e-06	299.1°/ 52.7°	66
12	LED Floodlight - ... (228)	184	7706	14000	58.14	1.72e-06	10.0°/ -40.0°	87
13	LED Floodlight - ... (235)	183	8860	15860	57.28	1.30e-06	190.0°/ -40.0°	94
14	CSX60S100 PRO (sy..(34)	323	9211	15680	54.47	1.21e-06	351.8°/ 56.2°	131
15	CSX60S100 PRO (sy(269)	322	9200	15650	54.43	1.21e-06	351.8°/ 56.2°	130
16	LED Floodlight - ... (234)	102	9514	15640	52.61	1.13e-06	11.0°/ -40.0°	76
17	LED Floodlight - ... (225)	173	5796	7711	42.57	3.05e-06	193.0°/ -40.0°	86
18	CSX60S300 PRO (LU.(32)	24	70310	83940	38.20	2.07e-08	255.4°/ 66.8°	116
19	CSX60S300 PRO (LL(267)	23	68260	78870	36.97	2.20e-08	255.4°/ 66.8°	116
20	CSX60S200 PRO (LL(289)	90	5103	5292	33.19	3.93e-06	309.4°/ 62.9°	66

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	LED Floodlight - ... (235)	131	17590	44540	81.04	3.31e-07	190.0°/ -40.0°	94
2	LED Floodlight - ... (228)	128	14230	32960	74.10	5.05e-07	10.0°/ -40.0°	87
3	LED Floodlight - ... (227)	413	4205	8089	61.56	5.79e-06	265.0°/ -40.0°	94
4	LED Floodlight - ... (225)	185	7628	14220	59.66	1.76e-06	193.0°/ -40.0°	86
5	LED Floodlight - ... (226)	424	4622	8266	57.22	4.79e-06	270.0°/ -40.0°	103
6	CSX60S100 PRO (sy(285)	30	6680	3215	15.40	2.29e-06	299.1°/ 52.7°	64
7	CSX60S100 PRO (sy..(50)	30	6702	3210	15.33	2.28e-06	299.1°/ 52.7°	64
8	CSX60S100 PRO (sy(269)	85	9495	4466	15.05	1.14e-06	351.8°/ 56.2°	130
9	CSX60S100 PRO (sy..(34)	85	9506	4469	15.04	1.13e-06	351.8°/ 56.2°	130
10	CSX60S100 PRO (sy..(42)	22	31140	12070	12.40	1.06e-07	120.2°/ 56.2°	130
11	CSX60S100 PRO (sy(277)	22	30860	11920	12.36	1.08e-07	120.2°/ 56.2°	130
12	CSX60S100 PRO (sy..(26)	22	19600	6255	10.21	2.67e-07	265.9°/ 47.4°	115
13	CSX60S100 PRO (sy(261)	22	19520	6215	10.19	2.69e-07	265.9°/ 47.4°	115
14	CSX60S100 PRO (sy(260)	38	9477	2557	8.63	1.14e-06	296.2°/ 50.4°	115
15	CSX60S100 PRO (sy..(25)	38	9500	2558	8.62	1.13e-06	296.2°/ 50.4°	115
16	CSX60S100 PRO (sy(244)	59	10830	2615	7.73	8.74e-07	355.8°/ 50.4°	161
17	CSX60S100 PRO (sy... (9)	59	10840	2614	7.72	8.71e-07	355.8°/ 50.4°	162
18	CSX60S100 PRO (sy(236)	34	10380	2499	7.70	9.50e-07	116.2°/ 50.4°	120
19	CSX60S100 PRO (sy... (1)	34	10410	2489	7.65	9.46e-07	116.2°/ 50.4°	121
20	CSX60S300 PRO (LL(291)	4	21110	4410	6.69	2.30e-07	279.2°/ 67.9°	64

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy(269)	1626	56290	63280	179.88	8.08e-07	351.8°/ 56.2°	178
2	CSX60S100 PRO (sy..(34)	1624	56370	63200	179.40	8.06e-07	351.8°/ 56.2°	179
3	LED Floodlight - ... (225)	661	18240	11320	99.31	7.70e-06	193.0°/ -40.0°	87
4	LED Floodlight - ... (235)	568	17550	10410	94.92	8.31e-06	190.0°/ -40.0°	81
5	LED Floodlight - ... (226)	348	18440	7823	67.89	7.53e-06	270.0°/ -40.0°	77
6	LED Floodlight - ... (227)	312	20500	7765	60.59	6.09e-06	265.0°/ -40.0°	81
7	CSX60S100 PRO (sy(285)	146	50650	7637	24.13	9.98e-07	299.1°/ 52.7°	138
8	CSX60S100 PRO (sy..(50)	145	50750	7620	24.02	9.94e-07	299.1°/ 52.7°	138
9	CSX60S100 PRO (sy... (1)	32	211100	27560	20.88	5.74e-08	116.2°/ 50.4°	141
10	CSX60S100 PRO (sy(236)	32	209000	27080	20.74	5.86e-08	116.2°/ 50.4°	141
11	CSX60S200 PRO (LU...(5)	8	674100	70540	16.74	5.63e-09	117.0°/ 63.4°	141
12	CSX60S200 PRO (LU(240)	8	614400	57170	14.89	6.78e-09	117.0°/ 63.4°	141
13	CSX60S200 PRO (LU(286)	28	153500	13460	14.03	1.09e-07	254.9°/ 56.2°	138
14	CSX60S200 PRO (LU.(51)	28	154300	13320	13.81	1.08e-07	254.9°/ 56.2°	139
15	CSX60S100 PRO (sy(237)	47	62990	3649	9.27	6.45e-07	85.9°/ 47.4°	141
16	CSX60S100 PRO (sy... (2)	47	63130	3649	9.25	6.42e-07	85.9°/ 47.4°	141
17	CSX60S100 PRO (sy(284)	31	86570	4772	8.82	3.42e-07	265.5°/ 47.2°	138
18	CSX60S100 PRO (sy..(49)	31	86820	4778	8.81	3.40e-07	265.5°/ 47.2°	139
19	CSX60S100 PRO (sy(260)	68	71950	3621	8.05	4.94e-07	296.2°/ 50.4°	195
20	CSX60S100 PRO (sy..(25)	68	72060	3618	8.03	4.93e-07	296.2°/ 50.4°	195

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	LED Floodlight - ... (235)	347	19510	7804	64.01	6.73e-06	190.0°/ -40.0°	81
2	LED Floodlight - ... (225)	382	19970	7794	62.44	6.42e-06	193.0°/ -40.0°	87
3	LED Floodlight - ... (226)	275	21220	8110	61.16	5.69e-06	270.0°/ -40.0°	77
4	LED Floodlight - ... (227)	261	23760	8677	58.42	4.53e-06	265.0°/ -40.0°	81
5	CSX60S100 PRO (sy(269)	141	57360	5738	16.00	7.78e-07	351.8°/ 56.2°	178
6	CSX60S100 PRO (sy..(34)	141	57440	5742	15.99	7.76e-07	351.8°/ 56.2°	178
7	CSX60S100 PRO (sy(285)	50	52590	2857	8.69	9.26e-07	299.1°/ 52.7°	138
8	CSX60S100 PRO (sy..(50)	50	52700	2856	8.67	9.22e-07	299.1°/ 52.7°	138
9	CSX60S100 PRO (sy..(49)	22	101500	4645	7.33	2.49e-07	265.5°/ 47.2°	138
10	CSX60S100 PRO (sy(284)	22	101200	4624	7.31	2.50e-07	265.5°/ 47.2°	138
11	CSX60S100 PRO (sy(276)	22	126300	4373	5.54	1.60e-07	85.5°/ 47.2°	179
12	CSX60S100 PRO (sy..(41)	22	126600	4373	5.53	1.60e-07	85.5°/ 47.2°	179
13	CSX60S100 PRO (sy(244)	59	73840	2485	5.38	4.70e-07	355.8°/ 50.4°	225
14	CSX60S100 PRO (sy... (9)	59	73920	2485	5.38	4.68e-07	355.8°/ 50.4°	225
15	CSX60S100 PRO (sy(237)	24	67420	2131	5.06	5.63e-07	85.9°/ 47.4°	140
16	CSX60S100 PRO (sy... (2)	24	67580	2128	5.04	5.61e-07	85.9°/ 47.4°	141
17	CSX60S100 PRO (sy(260)	39	74130	2202	4.75	4.66e-07	296.2°/ 50.4°	195
18	CSX60S100 PRO (sy..(25)	39	74230	2202	4.75	4.65e-07	296.2°/ 50.4°	195
19	CSX60S100 PRO (sy..(26)	23	119100	3406	4.58	1.81e-07	265.9°/ 47.4°	195
20	CSX60S100 PRO (sy(261)	23	118800	3401	4.58	1.81e-07	265.9°/ 47.4°	195

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	LED Floodlight - ... (226)	320	8428	8367	31.77	1.44e-06	270.0°/ -40.0°	163
2	CSX60S100 PRO (sy... (2)	--	10120000	--	0.00	1.00e-12	85.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU...(3)	--	10120000	--	0.00	1.00e-12	119.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU...(4)	--	10120000	--	0.00	1.00e-12	81.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU...(5)	--	10120000	--	0.00	1.00e-12	117.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU...(6)	--	10120000	--	0.00	1.00e-12	63.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU...(7)	--	10120000	--	0.00	1.00e-12	94.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU...(8)	--	10120000	--	0.00	1.00e-12	75.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy... (9)	--	10120000	--	0.00	1.00e-12	355.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(10)	--	10120000	--	0.00	1.00e-12	26.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(11)	--	10120000	--	0.00	1.00e-12	352.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(12)	--	10120000	--	0.00	1.00e-12	30.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(13)	--	10120000	--	0.00	1.00e-12	355.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(14)	--	10120000	--	0.00	1.00e-12	48.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(15)	--	10120000	--	0.00	1.00e-12	17.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(16)	--	10120000	--	0.00	1.00e-12	36.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(17)	--	10120000	--	0.00	1.00e-12	175.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(18)	--	10120000	--	0.00	1.00e-12	206.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(19)	--	10120000	--	0.00	1.00e-12	172.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(20)	--	10120000	--	0.00	1.00e-12	210.4°/ 56.8°	0.0

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	LED Floodlight - ... (226)	257	9237	8025	27.80	1.20e-06	270.0°/ -40.0°	163
2	CSX60S100 PRO (sy..(26)	23	211300	156700	23.73	2.29e-09	265.9°/ 47.4°	254
3	CSX60S100 PRO (sy(261)	23	209900	154900	23.62	2.33e-09	265.9°/ 47.4°	254
4	CSX60S100 PRO (sy... (1)	23	82200	29850	11.62	1.52e-08	116.2°/ 50.4°	227
5	CSX60S100 PRO (sy(236)	23	81480	29400	11.55	1.54e-08	116.2°/ 50.4°	226
6	CSX60S100 PRO (sy(269)	93	17250	4037	7.49	3.44e-07	351.8°/ 56.2°	259
7	CSX60S100 PRO (sy..(34)	93	17270	4040	7.49	3.43e-07	351.8°/ 56.2°	259
8	CSX60S100 PRO (sy(244)	50	19960	2161	3.46	2.57e-07	355.8°/ 50.4°	299
9	CSX60S100 PRO (sy... (9)	50	19970	2161	3.46	2.57e-07	355.8°/ 50.4°	300
10	CSX60S100 PRO (sy(237)	23	20860	1940	2.98	2.35e-07	85.9°/ 47.4°	226
11	CSX60S100 PRO (sy... (2)	23	20880	1941	2.97	2.35e-07	85.9°/ 47.4°	227
12	CSX60S100 PRO (sy(260)	25	23320	2089	2.87	1.88e-07	296.2°/ 50.4°	253
13	CSX60S100 PRO (sy(276)	21	29200	2606	2.86	1.20e-07	85.5°/ 47.2°	259
14	CSX60S100 PRO (sy..(25)	25	23340	2089	2.86	1.88e-07	296.2°/ 50.4°	254
15	CSX60S100 PRO (sy..(41)	21	29240	2607	2.85	1.20e-07	85.5°/ 47.2°	260
16	CSX60S200 PRO (LU...(5)	4	94280	7623	2.59	1.15e-08	117.0°/ 63.4°	226
17	CSX60S200 PRO (LU(240)	4	93060	7442	2.56	1.18e-08	117.0°/ 63.4°	226
18	CSX60S100 PRO (sy(268)	26	17570	1162	2.12	3.32e-07	26.5°/ 47.2°	258
19	CSX60S100 PRO (sy..(33)	26	17590	1162	2.11	3.31e-07	26.5°/ 47.2°	259
20	CSX60S100 PRO (sy(245)	24	20690	1101	1.70	2.39e-07	26.1°/ 47.4°	299

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	LED Floodlight - ... (235)	322	8711	8226	30.22	1.35e-06	190.0°/ -40.0°	170
2	LED Floodlight - ... (225)	301	8653	7112	26.30	1.37e-06	193.0°/ -40.0°	176
3	LED Floodlight - ... (226)	147	10760	6057	18.01	8.85e-07	270.0°/ -40.0°	165
4	LED Floodlight - ... (227)	146	11010	5951	17.30	8.45e-07	265.0°/ -40.0°	170
5	CSX60S100 PRO (sy..(34)	57	17810	2636	4.74	3.23e-07	351.8°/ 56.2°	260
6	CSX60S100 PRO (sy(269)	57	17800	2632	4.73	3.23e-07	351.8°/ 56.2°	259
7	CSX60S100 PRO (sy(285)	21	22100	2396	3.47	2.10e-07	299.1°/ 52.7°	205
8	CSX60S100 PRO (sy..(50)	21	22120	2395	3.46	2.09e-07	299.1°/ 52.7°	205
9	CSX60S100 PRO (sy(276)	22	32380	3341	3.30	9.77e-08	85.5°/ 47.2°	260
10	CSX60S100 PRO (sy..(41)	22	32420	3337	3.29	9.74e-08	85.5°/ 47.2°	260
11	CSX60S100 PRO (sy... (2)	23	22620	2259	3.20	2.00e-07	85.9°/ 47.4°	227
12	CSX60S100 PRO (sy(237)	23	22590	2258	3.20	2.01e-07	85.9°/ 47.4°	227
13	CSX60S100 PRO (sy(260)	23	24900	2194	2.82	1.65e-07	296.2°/ 50.4°	254
14	CSX60S100 PRO (sy..(25)	23	24930	2194	2.82	1.65e-07	296.2°/ 50.4°	254
15	CSX60S100 PRO (sy(268)	23	18260	1138	1.99	3.07e-07	26.5°/ 47.2°	259
16	CSX60S100 PRO (sy..(33)	23	18270	1138	1.99	3.07e-07	26.5°/ 47.2°	259
17	CSX60S100 PRO (sy(244)	26	20560	1179	1.84	2.42e-07	355.8°/ 50.4°	300
18	CSX60S100 PRO (sy... (9)	26	20570	1178	1.83	2.42e-07	355.8°/ 50.4°	300
19	CSX60S100 PRO (sy..(10)	23	21410	1163	1.74	2.23e-07	26.1°/ 47.4°	300
20	CSX60S100 PRO (sy(245)	23	21400	1163	1.74	2.24e-07	26.1°/ 47.4°	300

Anlage 10: Lichtimmissionen in der Nachbarschaft für Trainingsbetrieb (Raumaufhellung und Blendung) mit nur dem Großspielfeld in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.15 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.18 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.2 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.23 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.26 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	0.63 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	0.92 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	0.54 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	0.93 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0.37 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	0.8 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.19 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	0.47 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	9.4 m	0.1 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	15.4 m	0.15 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.01 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.01 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.02 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.01 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.01 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	0 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	0 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.01 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	0.03 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0.07 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	0.19 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	2.93 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	2.01 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.3 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.45 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	0.71 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.32m / 589.71m / 8.20m)

1	CSX60S100 PRO (sy..(98)	1821	11140	69850	200.67	8.25e-07	260.8°/ 56.2°	178
2	CSX60S100 PRO (sy(114)	139	10480	7078	21.62	9.33e-07	208.1°/ 52.7°	145
3	CSX60S100 PRO (sy..(66)	40	13780	3787	8.79	5.39e-07	354.9°/ 47.4°	139
4	CSX60S100 PRO (sy(113)	32	17190	4394	8.18	3.47e-07	174.5°/ 47.2°	145
5	CSX60S100 PRO (sy..(89)	65	14550	3426	7.54	4.84e-07	205.2°/ 50.4°	199
6	CSX60S100 PRO (sy..(73)	81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
7	CSX60S100 PRO (sy..(97)	61	12040	2740	7.28	7.06e-07	295.5°/ 47.2°	178
8	CSX60S200 PRO (LU(115)	17	26530	5581	6.73	1.46e-07	163.9°/ 56.2°	145
9	CSX60S100 PRO (sy(105)	26	25840	5325	6.59	1.53e-07	354.5°/ 47.2°	179
10	CSX60S100 PRO (sy..(90)	30	21820	3541	5.19	2.15e-07	174.9°/ 47.4°	199
11	CSX60S100 PRO (sy..(74)	50	15740	2403	4.89	4.13e-07	295.1°/ 47.4°	224
12	CSX60S300 PRO (LU.(71)	5	16180	694	1.37	3.91e-07	3.8°/ 68.0°	140
13	CSX60S300 PRO (LU(119)	5	16960	676	1.28	3.56e-07	173.6°/ 67.1°	145
14	CSX60S200 PRO (LU.(70)	8	9797	383	1.25	1.07e-06	332.8°/ 65.9°	139
15	CSX60S300 PRO (LU(111)	4	24230	750	0.99	1.74e-07	353.6°/ 67.1°	179
16	CSX60S300 PRO (LU.(96)	4	29230	887	0.97	1.20e-07	164.4°/ 66.8°	199
17	CSX60S300 PRO (LU(120)	4	12270	293	0.76	6.80e-07	188.2°/ 67.9°	145
18	CSX60S300 PRO (LU.(72)	4	11040	256	0.74	8.41e-07	344.4°/ 66.8°	139
19	CSX60S200 PRO (LU(109)	4	15080	312	0.66	4.50e-07	334.2°/ 64.7°	179
20	CSX60S200 PRO (LU(118)	4	9399	184	0.63	1.16e-06	218.4°/ 62.9°	145

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy..(98)	133	11350	5322	15.00	7.94e-07	260.8°/ 56.2°	177
2	CSX60S100 PRO (sy(114)	51	10850	2800	8.26	8.69e-07	208.1°/ 52.7°	145
3	CSX60S100 PRO (sy(113)	23	19550	4156	6.80	2.68e-07	174.5°/ 47.2°	145
4	CSX60S100 PRO (sy(105)	22	30480	6322	6.64	1.10e-07	354.5°/ 47.2°	178
5	CSX60S100 PRO (sy..(73)	58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
6	CSX60S100 PRO (sy..(66)	22	15050	2473	5.26	4.52e-07	354.9°/ 47.4°	139
7	CSX60S100 PRO (sy..(89)	38	14980	2124	4.54	4.56e-07	205.2°/ 50.4°	198
8	CSX60S100 PRO (sy..(90)	23	23570	3225	4.38	1.84e-07	174.9°/ 47.4°	198
9	CSX60S100 PRO (sy..(97)	24	12390	1119	2.89	6.67e-07	295.5°/ 47.2°	178
10	CSX60S100 PRO (sy..(74)	24	16140	1241	2.46	3.93e-07	295.1°/ 47.4°	224
11	CSX60S300 PRO (LU.(71)	4	17230	628	1.17	3.45e-07	3.8°/ 68.0°	139
12	CSX60S200 PRO (LU(115)	2	35890	1298	1.16	7.95e-08	163.9°/ 56.2°	145
13	CSX60S300 PRO (LU(119)	4	18110	641	1.13	3.12e-07	173.6°/ 67.1°	145
14	CSX60S300 PRO (LU(111)	4	26090	874	1.07	1.50e-07	353.6°/ 67.1°	178
15	CSX60S300 PRO (LU.(96)	4	31710	1048	1.06	1.02e-07	164.4°/ 66.8°	198
16	CSX60S300 PRO (LU(120)	4	12630	313	0.79	6.41e-07	188.2°/ 67.9°	144
17	CSX60S300 PRO (LU.(72)	4	11340	273	0.77	7.97e-07	344.4°/ 66.8°	139
18	CSX60S200 PRO (LU.(70)	4	10000	228	0.73	1.02e-06	332.8°/ 65.9°	139
19	CSX60S200 PRO (LU(109)	4	15510	332	0.68	4.26e-07	334.2°/ 64.7°	178
20	CSX60S200 PRO (LU(118)	4	9577	193	0.64	1.12e-06	218.4°/ 62.9°	145

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy..(98)	3235	8049	119400	474.67	1.58e-06	260.8°/ 56.2°	131
2	CSX60S100 PRO (sy..(82)	87	76620	889900	371.67	1.74e-08	115.1°/ 47.4°	75
3	CSX60S200 PRO (LU.(84)	110	27520	145800	169.53	1.35e-07	119.4°/ 56.8°	75
4	CSX60S100 PRO (sy(114)	907	7983	35660	142.95	1.61e-06	208.1°/ 52.7°	126
5	CSX60S300 PRO (LU.(88)	69	14620	25780	56.43	4.79e-07	125.6°/ 66.8°	75
6	CSX60S300 PRO (LU.(71)	19	49020	65170	42.54	4.26e-08	3.8°/ 68.0°	84
7	CSX60S200 PRO (LU.(68)	72	10390	10970	33.80	9.49e-07	350.6°/ 56.8°	83
8	CSX60S100 PRO (sy..(66)	47	11780	9242	25.11	7.38e-07	354.9°/ 47.4°	83
9	CSX60S200 PRO (LU.(86)	39	8278	4669	18.05	1.49e-06	137.2°/ 65.9°	75
10	CSX60S100 PRO (sy(113)	61	9788	3621	11.84	1.07e-06	174.5°/ 47.2°	126
11	CSX60S200 PRO (LU.(70)	36	7021	2489	11.34	2.08e-06	332.8°/ 65.9°	83
12	CSX60S300 PRO (LU.(72)	28	8835	3056	11.07	1.31e-06	344.4°/ 66.8°	83
13	CSX60S100 PRO (sy..(97)	63	9499	3240	10.91	1.13e-06	295.5°/ 47.2°	131
14	CSX60S100 PRO (sy..(89)	84	11870	3605	9.72	7.27e-07	205.2°/ 50.4°	179
15	CSX60S100 PRO (sy..(73)	87	11880	3562	9.59	7.25e-07	264.8°/ 50.4°	183
16	CSX60S200 PRO (LU(107)	17	25920	6394	7.89	1.52e-07	343.9°/ 56.2°	132
17	CSX60S100 PRO (sy..(90)	46	14670	3006	6.56	4.76e-07	174.9°/ 47.4°	180
18	CSX60S100 PRO (sy..(74)	49	14020	2816	6.43	5.21e-07	295.1°/ 47.4°	183
19	CSX60S200 PRO (LU(125)	7	25950	2764	3.41	1.52e-07	135.8°/ 64.7°	127
20	CSX60S200 PRO (LU(101)	8	10700	532	1.59	8.94e-07	315.8°/ 64.7°	131

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	CSX60S100 PRO (sy..(98)	194	8232	7544	29.33	1.51e-06	260.8°/ 56.2°	130
2	CSX60S100 PRO (sy..(66)	21	18010	9866	17.53	3.16e-07	354.9°/ 47.4°	82
3	CSX60S100 PRO (sy(114)	74	8211	3090	12.04	1.52e-06	208.1°/ 52.7°	125
4	CSX60S300 PRO (LU.(88)	4	27510	5733	6.67	1.35e-07	125.6°/ 66.8°	73
5	CSX60S100 PRO (sy..(73)	58	12170	2489	6.55	6.92e-07	264.8°/ 50.4°	183
6	CSX60S100 PRO (sy..(89)	54	12170	2460	6.47	6.91e-07	205.2°/ 50.4°	179
7	CSX60S100 PRO (sy(113)	26	10340	1736	5.37	9.58e-07	174.5°/ 47.2°	125
8	CSX60S100 PRO (sy..(97)	24	9927	1344	4.33	1.04e-06	295.5°/ 47.2°	131
9	CSX60S100 PRO (sy..(90)	23	15330	1675	3.50	4.36e-07	174.9°/ 47.4°	179
10	CSX60S200 PRO (LL(125)	4	36700	3709	3.23	7.60e-08	135.8°/ 64.7°	126
11	CSX60S100 PRO (sy..(74)	23	14550	1444	3.18	4.84e-07	295.1°/ 47.4°	183
12	CSX60S200 PRO (LU.(86)	4	9287	701	2.41	1.19e-06	137.2°/ 65.9°	74
13	CSX60S300 PRO (LU.(72)	4	9638	560	1.86	1.10e-06	344.4°/ 66.8°	82
14	CSX60S200 PRO (LL(107)	2	39810	1935	1.56	6.46e-08	343.9°/ 56.2°	132
15	CSX60S200 PRO (LU.(70)	4	7367	352	1.53	1.89e-06	332.8°/ 65.9°	82
16	CSX60S200 PRO (LL(109)	4	17470	772	1.41	3.36e-07	334.2°/ 64.7°	132
17	CSX60S200 PRO (LU.(68)	2	12820	514	1.28	6.23e-07	350.6°/ 56.8°	82
18	CSX60S200 PRO (LL(117)	4	12670	451	1.14	6.38e-07	154.2°/ 64.7°	125
19	CSX60S200 PRO (LL(101)	4	11070	316	0.91	8.36e-07	315.8°/ 64.7°	131
20	CSX60S200 PRO (LU.(94)	4	20720	590	0.91	2.38e-07	152.8°/ 65.9°	179

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S100 PRO (sy..(98)	1749	7527	69760	296.59	1.81e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(114)	534	8643	20460	75.76	1.37e-06	208.1°/ 52.7°	138
3	CSX60S200 PRO (LU.(70)	18	37130	57390	49.46	7.43e-08	332.8°/ 65.9°	65
4	CSX60S100 PRO (sy..(82)	51	9970	5328	17.10	1.03e-06	115.1°/ 47.4°	97
5	CSX60S100 PRO (sy(121)	32	29710	14080	15.16	1.16e-07	115.5°/ 47.2°	139
6	CSX60S100 PRO (sy..(97)	60	10140	4291	13.55	9.97e-07	295.5°/ 47.2°	118
7	CSX60S100 PRO (sy..(73)	84	11690	3779	10.34	7.49e-07	264.8°/ 50.4°	172
8	CSX60S100 PRO (sy(113)	64	9532	2990	10.04	1.13e-06	174.5°/ 47.2°	138
9	CSX60S100 PRO (sy..(89)	89	11990	3584	9.56	7.12e-07	205.2°/ 50.4°	187
10	CSX60S300 PRO (LU.(87)	17	12870	3010	7.48	6.18e-07	106.2°/ 68.0°	96
11	CSX60S100 PRO (sy..(74)	41	15180	3083	6.50	4.44e-07	295.1°/ 47.4°	173
12	CSX60S100 PRO (sy..(90)	52	13660	2724	6.38	5.49e-07	174.9°/ 47.4°	187
13	CSX60S200 PRO (LU.(86)	21	6987	1100	5.04	2.10e-06	137.2°/ 65.9°	96
14	CSX60S200 PRO (LU.(84)	13	8993	1116	3.97	1.27e-06	119.4°/ 56.8°	96
15	CSX60S200 PRO (LL(101)	10	14740	1522	3.30	4.71e-07	315.8°/ 64.7°	118
16	CSX60S200 PRO (LL(123)	10	17300	1580	2.92	3.42e-07	126.1°/ 56.2°	139
17	CSX60S300 PRO (LU.(88)	7	8006	504	2.02	1.60e-06	125.6°/ 66.8°	96
18	CSX60S200 PRO (LU.(99)	6	11520	567	1.57	7.71e-07	306.1°/ 56.2°	118
19	CSX60S300 PRO (LL(127)	5	17030	760	1.43	3.53e-07	126.4°/ 67.1°	139
20	CSX60S200 PRO (LU.(78)	5	23900	969	1.30	1.79e-07	317.2°/ 65.9°	173

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy(121)	23	66740	52330	25.09	2.30e-08	115.5°/ 47.2°	138
2	CSX60S100 PRO (sy..(98)	124	7733	5284	21.87	1.71e-06	260.8°/ 56.2°	117
3	CSX60S100 PRO (sy(114)	77	8866	3130	11.30	1.30e-06	208.1°/ 52.7°	137
4	CSX60S100 PRO (sy..(82)	23	11510	3306	9.19	7.73e-07	115.1°/ 47.4°	96
5	CSX60S100 PRO (sy..(89)	59	12270	2495	6.51	6.81e-07	205.2°/ 50.4°	186
6	CSX60S100 PRO (sy..(73)	48	12020	2268	6.04	7.09e-07	264.8°/ 50.4°	172
7	CSX60S100 PRO (sy..(97)	24	10910	1985	5.82	8.60e-07	295.5°/ 47.2°	117
8	CSX60S100 PRO (sy(113)	25	9899	1251	4.04	1.05e-06	174.5°/ 47.2°	137
9	CSX60S100 PRO (sy..(74)	23	16010	1974	3.94	3.99e-07	295.1°/ 47.4°	172
10	CSX60S100 PRO (sy..(90)	24	14110	1366	3.10	5.14e-07	174.9°/ 47.4°	186
11	CSX60S300 PRO (LU.(87)	4	14650	962	2.10	4.77e-07	106.2°/ 68.0°	96
12	CSX60S200 PRO (LL(101)	4	16370	854	1.67	3.82e-07	315.8°/ 64.7°	117
13	CSX60S300 PRO (LL(127)	4	18360	722	1.26	3.04e-07	126.4°/ 67.1°	138
14	CSX60S200 PRO (LU.(78)	4	26010	1001	1.23	1.51e-07	317.2°/ 65.9°	172
15	CSX60S300 PRO (LU.(88)	4	8331	312	1.20	1.48e-06	125.6°/ 66.8°	95
16	CSX60S200 PRO (LU.(86)	4	7185	249	1.11	1.98e-06	137.2°/ 65.9°	95
17	CSX60S200 PRO (LL(125)	4	13950	447	1.02	5.26e-07	135.8°/ 64.7°	138
18	CSX60S300 PRO (LL(103)	4	9943	293	0.94	1.04e-06	296.4°/ 67.1°	117
19	CSX60S300 PRO (LL(104)	4	8359	208	0.80	1.47e-06	281.8°/ 67.9°	117
20	CSX60S200 PRO (LL(117)	4	10380	252	0.78	9.50e-07	154.2°/ 64.7°	137

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy..(98)	826	7876	35570	144.52	1.65e-06	260.8°/ 56.2°	119
2	CSX60S100 PRO (sy(114)	445	9331	17300	59.33	1.18e-06	208.1°/ 52.7°	148
3	CSX60S100 PRO (sy..(81)	45	46380	77570	53.52	4.76e-08	86.8°/ 50.4°	111
4	CSX60S100 PRO (sy..(82)	56	10330	4802	14.87	9.59e-07	115.1°/ 47.4°	110
5	CSX60S100 PRO (sy..(97)	48	11550	4441	12.31	7.68e-07	295.5°/ 47.2°	119

6	CSX60S100 PRO (sy..(73)	81	12070	3832	10.16	7.02e-07	264.8°/ 50.4°	173
7	CSX60S100 PRO (sy(113)	68	9983	3010	9.65	1.03e-06	174.5°/ 47.2°	148
8	CSX60S100 PRO (sy(121)	29	22330	6460	9.26	2.05e-07	115.5°/ 47.2°	149
9	CSX60S100 PRO (sy..(89)	89	12420	3545	9.13	6.64e-07	205.2°/ 50.4°	194
10	CSX60S100 PRO (sy..(74)	38	16550	3420	6.61	3.74e-07	295.1°/ 47.4°	173
11	CSX60S100 PRO (sy..(90)	55	13780	2703	6.27	5.39e-07	174.9°/ 47.4°	194
12	CSX60S200 PRO (LU.(86)	30	7584	1405	5.93	1.78e-06	137.2°/ 65.9°	110
13	CSX60S200 PRO (LL(101)	10	24690	4215	5.46	1.68e-07	315.8°/ 64.7°	119
14	CSX60S300 PRO (LU.(87)	13	11930	1488	3.99	7.19e-07	106.2°/ 68.0°	110
15	CSX60S200 PRO (LU.(99)	11	14350	1563	3.49	4.97e-07	306.1°/ 56.2°	119
16	CSX60S300 PRO (LL(103)	10	11220	835	2.38	8.13e-07	296.4°/ 67.1°	119
17	CSX60S200 PRO (LU.(78)	4	35440	1837	1.66	8.15e-08	317.2°/ 65.9°	173
18	CSX60S200 PRO (LU.(84)	6	9378	395	1.35	1.16e-06	119.4°/ 56.8°	110
19	CSX60S300 PRO (LU.(88)	5	8456	277	1.05	1.43e-06	125.6°/ 66.8°	110
20	CSX60S300 PRO (LL(104)	5	8996	293	1.04	1.27e-06	281.8°/ 67.9°	119

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, lir(2103.00m / 679.50m / 22.20m)

1	CSX60S100 PRO (sy..(98)	76	8194	3587	14.01	1.53e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(114)	70	9636	2933	9.74	1.10e-06	208.1°/ 52.7°	147
3	CSX60S100 PRO (sy(121)	21	30280	8563	9.05	1.12e-07	115.5°/ 47.2°	148
4	CSX60S100 PRO (sy..(82)	21	11740	2355	6.42	7.43e-07	115.1°/ 47.4°	110
5	CSX60S100 PRO (sy..(97)	21	13150	2546	6.20	5.92e-07	295.5°/ 47.2°	118
6	CSX60S100 PRO (sy..(89)	51	12770	2158	5.41	6.28e-07	205.2°/ 50.4°	194
7	CSX60S100 PRO (sy..(73)	36	12540	1854	4.73	6.51e-07	264.8°/ 50.4°	172
8	CSX60S200 PRO (LL(101)	4	44530	6228	4.48	5.16e-08	315.8°/ 64.7°	118
9	CSX60S100 PRO (sy..(74)	23	17990	2440	4.34	3.16e-07	295.1°/ 47.4°	173
10	CSX60S100 PRO (sy(113)	25	10430	1209	3.71	9.42e-07	174.5°/ 47.2°	147
11	CSX60S100 PRO (sy..(90)	24	14320	1305	2.92	5.00e-07	174.9°/ 47.4°	194
12	CSX60S200 PRO (LU.(78)	4	47320	3294	2.23	4.57e-08	317.2°/ 65.9°	173
13	CSX60S300 PRO (LU.(87)	4	13020	579	1.42	6.04e-07	106.2°/ 68.0°	109
14	CSX60S300 PRO (LL(103)	4	11920	415	1.12	7.21e-07	296.4°/ 67.1°	118
15	CSX60S300 PRO (LL(127)	4	16250	492	0.97	3.88e-07	126.4°/ 67.1°	148
16	CSX60S300 PRO (LU.(88)	4	8789	264	0.96	1.33e-06	125.6°/ 66.8°	109
17	CSX60S200 PRO (LU.(86)	4	7815	224	0.92	1.68e-06	137.2°/ 65.9°	109
18	CSX60S300 PRO (LU.(80)	4	20850	596	0.91	2.36e-07	305.6°/ 66.8°	173
19	CSX60S300 PRO (LL(104)	4	9298	254	0.87	1.18e-06	281.8°/ 67.9°	118
20	CSX60S200 PRO (LL(125)	4	13390	359	0.86	5.71e-07	135.8°/ 64.7°	148

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S200 PRO (LU.(99)	48	47580	65830	44.28	4.52e-08	306.1°/ 56.2°	127
2	CSX60S100 PRO (sy..(98)	242	9266	12670	43.75	1.19e-06	260.8°/ 56.2°	127
3	CSX60S200 PRO (LU.(83)	41	54040	62870	37.23	3.51e-08	81.4°/ 57.6°	137
4	CSX60S100 PRO (sy(114)	232	10840	9402	27.75	8.71e-07	208.1°/ 52.7°	168
5	CSX60S100 PRO (sy..(81)	31	24210	9532	12.60	1.75e-07	86.8°/ 50.4°	137
6	CSX60S100 PRO (sy..(97)	31	17430	5727	10.51	3.37e-07	295.5°/ 47.2°	127
7	CSX60S100 PRO (sy..(82)	53	11740	3822	10.42	7.44e-07	115.1°/ 47.4°	137
8	CSX60S100 PRO (sy..(73)	72	13330	3923	9.42	5.76e-07	264.8°/ 50.4°	178
9	CSX60S100 PRO (sy(113)	66	11130	2835	8.15	8.26e-07	174.5°/ 47.2°	168
10	CSX60S100 PRO (sy..(89)	83	13470	3350	7.96	5.64e-07	205.2°/ 50.4°	210
11	CSX60S100 PRO (sy(121)	33	19660	4280	6.97	2.65e-07	115.5°/ 47.2°	169
12	CSX60S100 PRO (sy..(74)	32	20890	4304	6.59	2.35e-07	295.1°/ 47.4°	179
13	CSX60S100 PRO (sy..(90)	58	14430	2678	5.94	4.92e-07	174.9°/ 47.4°	210
14	CSX60S200 PRO (LU.(85)	5	34990	3013	2.76	8.36e-08	84.0°/ 63.4°	137
15	CSX60S300 PRO (LL(103)	7	18600	1435	2.47	2.96e-07	296.4°/ 67.1°	127
16	CSX60S200 PRO (LU.(86)	16	8952	655	2.34	1.28e-06	137.2°/ 65.9°	136
17	CSX60S300 PRO (LL(128)	5	41940	2924	2.23	5.82e-08	101.8°/ 67.9°	169
18	CSX60S300 PRO (LU.(80)	6	31910	1853	1.86	1.01e-07	305.6°/ 66.8°	179
19	CSX60S300 PRO (LL(104)	7	11870	585	1.58	7.27e-07	281.8°/ 67.9°	127
20	CSX60S200 PRO (LU.(76)	6	23070	1012	1.40	1.92e-07	299.4°/ 56.8°	179

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, lir(2077.50m / 697.00m / 22.10m)

1	CSX60S100 PRO (sy..(81)	23	41070	20590	16.04	6.07e-08	86.8°/ 50.4°	136
2	CSX60S200 PRO (LU.(85)	4	206400	101200	15.69	2.40e-09	84.0°/ 63.4°	136
3	CSX60S100 PRO (sy..(98)	56	9720	3262	10.74	1.08e-06	260.8°/ 56.2°	126
4	CSX60S100 PRO (sy..(97)	22	23430	7511	10.26	1.87e-07	295.5°/ 47.2°	126
5	CSX60S100 PRO (sy(114)	68	11170	2923	8.37	8.20e-07	208.1°/ 52.7°	168
6	CSX60S100 PRO (sy(121)	23	22500	4062	5.78	2.02e-07	115.5°/ 47.2°	169
7	CSX60S100 PRO (sy..(74)	23	23760	4060	5.47	1.81e-07	295.1°/ 47.4°	178
8	CSX60S100 PRO (sy..(89)	53	13830	2241	5.19	5.35e-07	205.2°/ 50.4°	210
9	CSX60S100 PRO (sy..(82)	23	12750	2006	5.04	6.30e-07	115.1°/ 47.4°	136
10	CSX60S100 PRO (sy..(73)	30	13910	1760	4.05	5.29e-07	264.8°/ 50.4°	178
11	CSX60S100 PRO (sy(113)	26	11550	1190	3.30	7.67e-07	174.5°/ 47.2°	168
12	CSX60S300 PRO (LL(128)	4	67760	6629	3.13	2.23e-08	101.8°/ 67.9°	168
13	CSX60S100 PRO (sy..(90)	24	14910	1164	2.50	4.61e-07	174.9°/ 47.4°	210
14	CSX60S300 PRO (LL(103)	4	21980	1238	1.80	2.12e-07	296.4°/ 67.1°	126
15	CSX60S300 PRO (LU.(80)	4	38420	1898	1.58	6.94e-08	305.6°/ 66.8°	178
16	CSX60S300 PRO (LL(104)	4	12520	403	1.03	6.53e-07	281.8°/ 67.9°	126
17	CSX60S300 PRO (LU.(87)	4	13180	385	0.94	5.90e-07	106.2°/ 68.0°	136
18	CSX60S200 PRO (LL(102)	4	8716	210	0.77	1.35e-06	251.6°/ 62.9°	126
19	CSX60S300 PRO (LL(127)	4	15300	338	0.71	4.37e-07	126.4°/ 67.1°	168
20	CSX60S300 PRO (LU.(88)	4	10000	222	0.71	1.02e-06	125.6°/ 66.8°	136

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S100 PRO (sy..(74)	26	60760	23340	12.29	2.77e-08	295.1°/ 47.4°	200
2	CSX60S100 PRO (sy..(98)	61	14640	5329	11.65	4.78e-07	260.8°/ 56.2°	155
3	CSX60S100 PRO (sy(114)	97	14210	4308	9.70	5.07e-07	208.1°/ 52.7°	210
4	CSX60S100 PRO (sy..(81)	28	24750	4804	6.21	1.67e-07	86.8°/ 50.4°	186
5	CSX60S100 PRO (sy..(89)	73	16070	3074	6.12	3.97e-07	205.2°/ 50.4°	245
6	CSX60S100 PRO (sy..(73)	43	17710	3276	5.92	3.27e-07	264.8°/ 50.4°	199
7	CSX60S100 PRO (sy..(82)	42	15050	2694	5.73	4.52e-07	115.1°/ 47.4°	186
8	CSX60S100 PRO (sy(113)	55	13850	2328	5.38	5.33e-07	174.5°/ 47.2°	210
9	CSX60S100 PRO (sy(121)	32	20440	2968	4.65	2.45e-07	115.5°/ 47.2°	211
10	CSX60S100 PRO (sy..(90)	50	16410	2198	4.29	3.80e-07	174.9°/ 47.4°	245
11	CSX60S300 PRO (LL(104)	8	34340	3719	3.47	8.68e-08	281.8°/ 67.9°	155
12	CSX60S200 PRO (LL(124)	7	46750	3440	2.35	4.69e-08	92.4°/ 58.6°	211
13	CSX60S200 PRO (LL(100)	6	25190	1541	1.96	1.61e-07	278.4°/ 58.6°	155
14	CSX60S200 PRO (LU.(85)	4	27000	924	1.10	1.40e-07	84.0°/ 63.4°	186
15	CSX60S300 PRO (LU.(79)	4	28790	850	0.95	1.24e-07	286.2°/ 68.0°	200
16	CSX60S200 PRO (LU.(83)	3	31200	778	0.80	1.05e-07	81.4°/ 57.6°	186
17	CSX60S300 PRO (LL(128)	4	26280	637	0.77	1.48e-07	101.8°/ 67.9°	211
18	CSX60S200 PRO (LL(102)	4	12490	284	0.73	6.57e-07	251.6°/ 62.9°	155
19	CSX60S300 PRO (LU.(87)	4	15240	275	0.58	4.41e-07	106.2°/ 68.0°	186
20	CSX60S200 PRO (LU.(77)	4	16550	302	0.58	3.74e-07	264.0°/ 63.4°	200

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	CSX60S100 PRO (sy..(74)	23	92170	48390	16.80	1.21e-08	295.1°/ 47.4°	199
2	CSX60S100 PRO (sy..(98)	41	15040	3787	8.06	4.53e-07	260.8°/ 56.2°	155
3	CSX60S100 PRO (sy(114)	74	14360	3350	7.46	4.96e-07	208.1°/ 52.7°	210
4	CSX60S100 PRO (sy..(81)	25	26160	4823	5.90	1.50e-07	86.8°/ 50.4°	186
5	CSX60S100 PRO (sy..(89)	65	16210	2783	5.49	3.90e-07	205.2°/ 50.4°	245
6	CSX60S100 PRO (sy..(73)	34	18090	2721	4.81	3.13e-07	264.8°/ 50.4°	199
7	CSX60S100 PRO (sy..(82)	29	15350	1916	3.99	4.35e-07	115.1°/ 47.4°	186
8	CSX60S100 PRO (sy(121)	25	20980	2405	3.67	2.33e-07	115.5°/ 47.2°	211
9	CSX60S100 PRO (sy(113)	31	14010	1363	3.11	5.22e-07	174.5°/ 47.2°	210
10	CSX60S100 PRO (sy..(90)	31	16580	1403	2.71	3.72e-07	174.9°/ 47.4°	245
11	CSX60S300 PRO (LL(104)	4	38610	2540	2.10	6.87e-08	281.8°/ 67.9°	155
12	CSX60S200 PRO (LU.(85)	4	28270	1016	1.15	1.28e-07	84.0°/ 63.4°	186
13	CSX60S300 PRO (LU.(79)	4	29800	913	0.98	1.15e-07	286.2°/ 68.0°	199
14	CSX60S300 PRO (LL(128)	4	26920	669	0.80	1.41e-07	101.8°/ 67.9°	210
15	CSX60S200 PRO (LL(124)	2	52770	1323	0.80	3.68e-08	92.4°/ 58.6°	211
16	CSX60S200 PRO (LL(100)	2	27390	663	0.77	1.36e-07	278.4°/ 58.6°	155
17	CSX60S200 PRO (LL(102)	4	12670	294	0.74	6.38e-07	251.6°/ 62.9°	155
18	CSX60S200 PRO (LU.(83)	2	33680	694	0.66	9.03e-08	81.4°/ 57.6°	186
19	CSX60S200 PRO (LU.(77)	4	16750	310	0.59	3.65e-07	264.0°/ 63.4°	199
20	CSX60S300 PRO (LU.(87)	4	15400	281	0.58	4.32e-07	106.2°/ 68.0°	186

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG(1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy..(98)	26	52180	5315	3.26	3.76e-08	260.8°/ 56.2°	363
2	CSX60S100 PRO (sy..(89)	67	30760	3021	3.14	1.08e-07	205.2°/ 50.4°	454
3	CSX60S100 PRO (sy..(73)	26	53040	4565	2.75	3.64e-08	264.8°/ 50.4°	396
4	CSX60S100 PRO (sy..(90)	44	30090	1897	2.02	1.13e-07	174.9°/ 47.4°	454
5	CSX60S200 PRO (LU.(77)	4	49260	677	0.44	4.22e-08	264.0°/ 63.4°	397
6	CSX60S200 PRO (LL(102)	4	38010	481	0.41	7.09e-08	251.6°/ 62.9°	363
7	CSX60S200 PRO (LU.(94)	4	28860	178	0.20	1.23e-07	152.8°/ 65.9°	454
8	CSX60S200 PRO (LU.(93)	4	28830	177	0.20	1.23e-07	206.0°/ 63.4°	454
9	CSX60S200 PRO (LU.(75)	2	46170	287	0.20	4.80e-08	261.4°/ 57.6°	397
10	CSX60S300 PRO (LU.(96)	4	27620	152	0.18	1.34e-07	164.4°/ 66.8°	454
11	CSX60S300 PRO (LU.(95)	4	26990	145	0.17	1.41e-07	183.8°/ 68.0°	454
12	CSX60S200 PRO (LU.(91)	2	29910	91.9	0.10	1.14e-07	208.6°/ 57.6°	454
13	CSX60S200 PRO (LU.(92)	2	28480	83.4	0.09	1.26e-07	170.6°/ 56.8°	454
14	CSX60S200 PRO (LU.(78)	--	30180	--	0.00	1.12e-07	317.2°/ 65.9°	397
15	CSX60S300 PRO (LU.(79)	--	61670	--	0.00	2.69e-08	286.2°/ 68.0°	397
16	CSX60S300 PRO (LU.(80)	--	35060	--	0.00	8.33e-08	305.6°/ 66.8°	397
17	CSX60S100 PRO (sy..(81)	--	10120000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S200 PRO (LU.(68)	--	10120000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
19	CSX60S100 PRO (sy..(74)	--	50730	--	0.00	3.98e-08	295.1°/ 47.4°	397
20	CSX60S200 PRO (LU.(69)	--	10120000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG(1819.83m / 765.80m / 15.80m)²

1	CSX60S100 PRO (sy..(98)	24	55370	5529	3.20	3.34e-08	260.8°/ 56.2°	363
2	CSX60S100 PRO (sy(114)	61	29920	2975	3.18	1.14e-07	208.1°/ 52.7°	425
3	CSX60S100 PRO (sy..(81)	22	65120	5564	2.73	2.41e-08	86.8°/ 50.4°	402
4	CSX60S100 PRO (sy..(89)	57	31090	2594	2.67	1.06e-07	205.2°/ 50.4°	454
5	CSX60S100 PRO (sy..(73)	23	55960	4538	2.60	3.27e-08	264.8°/ 50.4°	396
6	CSX60S100 PRO (sy(121)	24	39680	2035	1.64	6.51e-08	115.5°/ 47.2°	426
7	CSX60S100 PRO (sy..(82)	24	34410	1717	1.60	8.65e-08	115.1°/ 47.4°	402
8	CSX60S100 PRO (sy(113)	25	28440	1113	1.25	1.27e-07	174.5°/ 47.2°	425
9	CSX60S100 PRO (sy..(90)	27	30430	1175	1.24	1.11e-07	174.9°/ 47.4°	454
10	CSX60S200 PRO (LU.(85)	4	73360	1465	0.64	1.90e-08	84.0°/ 63.4°	402
11	CSX60S200 PRO (LU.(77)	4	50820	722	0.45	3.96e-08	264.0°/ 63.4°	396
12	CSX60S200 PRO (LL(102)	4	38930	506	0.42	6.76e-08	251.6°/ 62.9°	363
13	CSX60S200 PRO (LU.(83)	2	96390	1218	0.40	1.10e-08	81.4°/ 57.6°	402
14	CSX60S300 PRO (LL(128)	4	46680	494	0.34	4.70e-08	101.8°/ 67.9°	425
15	CSX60S300 PRO (LU.(87)	4	34740	306	0.28	8.49e-08	106.2°/ 68.0°	402
16	CSX60S200 PRO (LL(124)	2	70990	589	0.27	2.03e-08	92.4°/ 58.6°	426
17	CSX60S200 PRO (LL(118)	4	30420	225	0.24	1.11e-07	218.4°/ 62.9°	425
18	CSX60S200 PRO (LL(125)	4	29160	207	0.23	1.20e-07	135.8°/ 64.7°	425
19	CSX60S200 PRO (LU.(86)	4	26050	185	0.23	1.51e-07	137.2°/ 65.9°	402
20	CSX60S300 PRO (LL(127)	4	31220	221	0.23	1.05e-07	126.4°/ 67.1°	425

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O(1846.55m / 848.55m / 2.30m)**d/m²**

1	CSX60S100 PRO (sy..(73)	25	134600	32580	7.75	5.65e-09	264.8°/ 50.4°	369
2	CSX60S200 PRO (LL(126)	4	637400	95040	4.77	2.52e-10	71.6°/ 62.9°	415
3	CSX60S100 PRO (sy(114)	68	31280	3741	3.83	1.05e-07	208.1°/ 52.7°	415
4	CSX60S100 PRO (sy(122)	27	64890	6463	3.19	2.43e-08	80.8°/ 56.2°	416
5	CSX60S100 PRO (sy..(89)	60	30970	2987	3.09	1.07e-07	205.2°/ 50.4°	434
6	CSX60S100 PRO (sy..(81)	31	41820	3217	2.46	5.86e-08	86.8°/ 50.4°	403
7	CSX60S100 PRO (sy..(82)	40	30220	2218	2.35	1.12e-07	115.1°/ 47.4°	403
8	CSX60S100 PRO (sy(113)	46	27670	2017	2.33	1.34e-07	174.5°/ 47.2°	415
9	CSX60S100 PRO (sy..(90)	47	28700	2020	2.25	1.24e-07	174.9°/ 47.4°	434
10	CSX60S100 PRO (sy(121)	35	33070	2167	2.10	9.37e-08	115.5°/ 47.2°	416
11	CSX60S200 PRO (LU.(77)	4	128400	5315	1.32	6.21e-09	264.0°/ 63.4°	369
12	CSX60S200 PRO (LU.(75)	6	80800	2704	1.07	1.57e-08	261.4°/ 57.6°	369
13	CSX60S200 PRO (LL(102)	4	64260	1512	0.75	2.48e-08	251.6°/ 62.9°	346
14	CSX60S200 PRO (LU.(85)	4	42150	481	0.37	5.76e-08	84.0°/ 63.4°	403
15	CSX60S300 PRO (LL(128)	4	35170	294	0.27	8.28e-08	101.8°/ 67.9°	415
16	CSX60S200 PRO (LL(118)	4	33100	279	0.27	9.35e-08	218.4°/ 62.9°	415
17	CSX60S300 PRO (LU.(87)	4	29440	219	0.24	1.18e-07	106.2°/ 68.0°	402
18	CSX60S200 PRO (LL(125)	4	26420	178	0.22	1.47e-07	135.8°/ 64.7°	415
19	CSX60S200 PRO (LU.(93)	4	29130	198	0.22	1.21e-07	206.0°/ 63.4°	434
20	CSX60S300 PRO (LU.(88)	4	25720	167	0.21	1.55e-07	125.6°/ 66.8°	402

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 14.30m) **cd/m²**

1	CSX60S100 PRO (sy..(73)	22	325200	165200	16.26	9.68e-10	264.8°/ 50.4°	369
2	CSX60S100 PRO (sy(114)	52	31710	2947	2.97	1.02e-07	208.1°/ 52.7°	415
3	CSX60S100 PRO (sy(122)	23	69000	6307	2.92	2.15e-08	80.8°/ 56.2°	415
4	CSX60S100 PRO (sy..(89)	49	31350	2500	2.55	1.04e-07	205.2°/ 50.4°	434
5	CSX60S100 PRO (sy..(81)	25	43100	2788	2.07	5.51e-08	86.8°/ 50.4°	402
6	CSX60S200 PRO (LU.(77)	4	187100	11300	1.93	2.93e-09	264.0°/ 63.4°	369
7	CSX60S100 PRO (sy(121)	26	33660	1679	1.60	9.04e-08	115.5°/ 47.2°	415
8	CSX60S100 PRO (sy..(82)	26	30700	1469	1.53	1.09e-07	115.1°/ 47.4°	402
9	CSX60S100 PRO (sy(113)	26	28000	1166	1.33	1.31e-07	174.5°/ 47.2°	415
10	CSX60S100 PRO (sy..(90)	26	29030	1124	1.24	1.22e-07	174.9°/ 47.4°	434
11	CSX60S200 PRO (Ll(102)	4	70120	1805	0.82	2.08e-08	251.6°/ 62.9°	346
12	CSX60S200 PRO (LU.(75)	2	93200	1352	0.46	1.18e-08	261.4°/ 57.6°	369
13	CSX60S200 PRO (LU.(85)	4	43050	503	0.37	5.53e-08	84.0°/ 63.4°	402
14	CSX60S200 PRO (Ll(126)	1	198300	1653	0.27	2.61e-09	71.6°/ 62.9°	415
15	CSX60S200 PRO (Ll(118)	4	33480	286	0.27	9.13e-08	218.4°/ 62.9°	415
16	CSX60S300 PRO (Ll(128)	4	35540	301	0.27	8.11e-08	101.8°/ 67.9°	415
17	CSX60S300 PRO (LU.(87)	4	29660	223	0.24	1.16e-07	106.2°/ 68.0°	402
18	CSX60S200 PRO (LU.(86)	4	24820	167	0.22	1.66e-07	137.2°/ 65.9°	402
19	CSX60S200 PRO (Ll(125)	4	26590	180	0.22	1.45e-07	135.8°/ 64.7°	415
20	CSX60S200 PRO (LU.(93)	4	29340	201	0.22	1.19e-07	206.0°/ 63.4°	434

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(73)	25	175700	54370	9.90	3.32e-09	264.8°/ 50.4°	376
2	CSX60S100 PRO (sy(114)	66	31980	3705	3.71	1.00e-07	208.1°/ 52.7°	423
3	CSX60S100 PRO (sy(122)	27	64830	6157	3.04	2.44e-08	80.8°/ 56.2°	423
4	CSX60S100 PRO (sy..(89)	60	31600	2989	3.03	1.03e-07	205.2°/ 50.4°	442
5	CSX60S200 PRO (Ll(126)	4	361800	32090	2.84	7.82e-10	71.6°/ 62.9°	423
6	CSX60S100 PRO (sy(113)	46	28220	2010	2.28	1.29e-07	174.5°/ 47.2°	423
7	CSX60S100 PRO (sy..(90)	47	29210	2029	2.22	1.20e-07	174.9°/ 47.4°	442
8	CSX60S100 PRO (sy(121)	35	33580	2136	2.04	9.08e-08	115.5°/ 47.2°	423
9	CSX60S200 PRO (LU.(77)	4	169300	8892	1.68	3.57e-09	264.0°/ 63.4°	376
10	CSX60S200 PRO (LU.(75)	4	89410	2317	0.83	1.28e-08	261.4°/ 57.6°	376
11	CSX60S200 PRO (Ll(102)	4	69030	1670	0.77	2.15e-08	251.6°/ 62.9°	354
12	CSX60S200 PRO (Ll(118)	4	33900	282	0.27	8.91e-08	218.4°/ 62.9°	423
13	CSX60S300 PRO (Ll(128)	4	35620	290	0.26	8.07e-08	101.8°/ 67.9°	423
14	CSX60S200 PRO (LU.(93)	4	29720	199	0.21	1.16e-07	206.0°/ 63.4°	442
15	CSX60S200 PRO (Ll(125)	4	26870	177	0.21	1.42e-07	135.8°/ 64.7°	423
16	CSX60S300 PRO (Ll(127)	4	27980	179	0.20	1.31e-07	126.4°/ 67.1°	423
17	CSX60S200 PRO (Ll(117)	4	25510	160	0.20	1.57e-07	154.2°/ 64.7°	423
18	CSX60S300 PRO (Ll(120)	4	26440	160	0.19	1.46e-07	188.2°/ 67.9°	423
19	CSX60S300 PRO (Ll(119)	4	25400	148	0.19	1.59e-07	173.6°/ 67.1°	423
20	CSX60S200 PRO (LU.(94)	4	26950	164	0.19	1.41e-07	152.8°/ 65.9°	441

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 14.30m) **I cd/m²**

1	CSX60S100 PRO (sy..(73)	16	302600	99360	10.51	1.12e-09	264.8°/ 50.4°	376
2	CSX60S200 PRO (LU.(77)	4	469600	68580	4.67	4.64e-10	264.0°/ 63.4°	376
3	CSX60S100 PRO (sy(114)	51	32430	2941	2.90	9.74e-08	208.1°/ 52.7°	423
4	CSX60S100 PRO (sy(122)	24	68690	6171	2.87	2.17e-08	80.8°/ 56.2°	423
5	CSX60S100 PRO (sy..(89)	48	31990	2475	2.48	1.00e-07	205.2°/ 50.4°	441
6	CSX60S100 PRO (sy(121)	25	34170	1610	1.51	8.77e-08	115.5°/ 47.2°	423
7	CSX60S100 PRO (sy(113)	27	28550	1207	1.35	1.26e-07	174.5°/ 47.2°	422
8	CSX60S100 PRO (sy..(90)	27	29540	1164	1.26	1.17e-07	174.9°/ 47.4°	441
9	CSX60S200 PRO (Ll(126)	2	266600	9091	1.09	1.44e-09	71.6°/ 62.9°	423
10	CSX60S200 PRO (Ll(102)	4	75930	2026	0.85	1.78e-08	251.6°/ 62.9°	354
11	CSX60S200 PRO (LU.(75)	2	106000	1683	0.51	9.12e-09	261.4°/ 57.6°	376
12	CSX60S200 PRO (Ll(118)	4	34290	289	0.27	8.71e-08	218.4°/ 62.9°	422
13	CSX60S300 PRO (Ll(128)	4	35990	297	0.26	7.91e-08	101.8°/ 67.9°	422
14	CSX60S200 PRO (LU.(93)	4	29940	202	0.22	1.14e-07	206.0°/ 63.4°	441
15	CSX60S200 PRO (Ll(125)	4	27040	180	0.21	1.40e-07	135.8°/ 64.7°	423
16	CSX60S300 PRO (Ll(127)	4	28150	181	0.21	1.29e-07	126.4°/ 67.1°	423
17	CSX60S300 PRO (Ll(120)	4	26580	162	0.20	1.45e-07	188.2°/ 67.9°	422
18	CSX60S200 PRO (Ll(117)	4	25650	162	0.20	1.56e-07	154.2°/ 64.7°	422
19	CSX60S200 PRO (LU.(94)	4	27080	166	0.20	1.40e-07	152.8°/ 65.9°	441
20	CSX60S300 PRO (Ll(119)	4	25530	150	0.19	1.57e-07	173.6°/ 67.1°	422

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **l/m²**

1	CSX60S100 PRO (sy..(73)	13	241100	46060	6.11	1.76e-09	264.8°/ 50.4°	394
2	CSX60S100 PRO (sy(114)	61	33840	3452	3.26	8.94e-08	208.1°/ 52.7°	443
3	CSX60S100 PRO (sy..(89)	57	33280	2884	2.77	9.25e-08	205.2°/ 50.4°	461
4	CSX60S100 PRO (sy(122)	26	66000	5566	2.70	2.35e-08	80.8°/ 56.2°	443
5	CSX60S100 PRO (sy..(81)	30	44440	3094	2.23	5.19e-08	86.8°/ 50.4°	432
6	CSX60S100 PRO (sy..(82)	37	32330	2010	1.99	9.80e-08	115.1°/ 47.4°	432
7	CSX60S100 PRO (sy(113)	41	29680	1791	1.93	1.16e-07	174.5°/ 47.2°	443
8	CSX60S100 PRO (sy..(90)	42	30580	1820	1.90	1.09e-07	174.9°/ 47.4°	461
9	CSX60S100 PRO (sy(121)	33	35050	2007	1.83	8.34e-08	115.5°/ 47.2°	443
10	CSX60S200 PRO (LL(126)	4	213000	10150	1.52	2.26e-09	71.6°/ 62.9°	443
11	CSX60S200 PRO (LU.(75)	5	124100	4442	1.14	6.64e-09	261.4°/ 57.6°	395
12	CSX60S200 PRO (LU.(77)	2	233900	7059	0.97	1.87e-09	264.0°/ 63.4°	395
13	CSX60S200 PRO (LL(102)	4	83660	2203	0.84	1.46e-08	251.6°/ 62.9°	374
14	CSX60S200 PRO (LU.(85)	4	44560	469	0.34	5.16e-08	84.0°/ 63.4°	431
15	CSX60S200 PRO (LL(118)	4	35970	290	0.26	7.92e-08	218.4°/ 62.9°	443
16	CSX60S300 PRO (LL(128)	4	36940	285	0.25	7.51e-08	101.8°/ 67.9°	443
17	CSX60S300 PRO (LU.(87)	4	31360	217	0.22	1.04e-07	106.2°/ 68.0°	431
18	CSX60S200 PRO (LU.(93)	4	31280	203	0.21	1.05e-07	206.0°/ 63.4°	461
19	CSX60S200 PRO (LL(125)	4	28080	176	0.20	1.30e-07	135.8°/ 64.7°	443
20	CSX60S200 PRO (LU.(86)	4	26420	165	0.20	1.47e-07	137.2°/ 65.9°	431

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy(114)	54	34060	3098	2.91	8.82e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy(122)	26	67680	5857	2.77	2.24e-08	80.8°/ 56.2°	443
3	CSX60S100 PRO (sy..(89)	51	33480	2636	2.52	9.14e-08	205.2°/ 50.4°	461
4	CSX60S200 PRO (LL(126)	4	281600	17750	2.02	1.29e-09	71.6°/ 62.9°	443
5	CSX60S100 PRO (sy..(81)	27	45050	2827	2.01	5.05e-08	86.8°/ 50.4°	431
6	CSX60S100 PRO (sy..(82)	29	32570	1620	1.59	9.66e-08	115.1°/ 47.4°	431
7	CSX60S100 PRO (sy(121)	27	35330	1683	1.52	8.20e-08	115.5°/ 47.2°	443
8	CSX60S100 PRO (sy(113)	30	29850	1348	1.45	1.15e-07	174.5°/ 47.2°	443
9	CSX60S100 PRO (sy..(90)	32	30750	1374	1.43	1.08e-07	174.9°/ 47.4°	461
10	CSX60S200 PRO (LL(102)	4	88610	2474	0.89	1.30e-08	251.6°/ 62.9°	373
11	CSX60S200 PRO (LU.(75)	2	142500	2764	0.62	5.04e-09	261.4°/ 57.6°	394
12	CSX60S200 PRO (LU.(85)	4	44980	478	0.34	5.06e-08	84.0°/ 63.4°	431
13	CSX60S200 PRO (LL(118)	4	36170	293	0.26	7.83e-08	218.4°/ 62.9°	443
14	CSX60S300 PRO (LL(128)	4	37110	288	0.25	7.43e-08	101.8°/ 67.9°	443
15	CSX60S300 PRO (LU.(87)	4	31470	218	0.22	1.03e-07	106.2°/ 68.0°	431
16	CSX60S200 PRO (LU.(93)	4	31390	204	0.21	1.04e-07	206.0°/ 63.4°	460
17	CSX60S200 PRO (LL(125)	4	28170	178	0.20	1.29e-07	135.8°/ 64.7°	443
18	CSX60S300 PRO (LL(127)	4	29280	179	0.20	1.19e-07	126.4°/ 67.1°	443
19	CSX60S200 PRO (LU.(86)	4	26490	166	0.20	1.46e-07	137.2°/ 65.9°	431
20	CSX60S300 PRO (LU.(88)	4	27570	168	0.19	1.35e-07	125.6°/ 66.8°	431

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy(114)	60	33960	3466	3.27	8.88e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy..(89)	56	33350	2865	2.75	9.21e-08	205.2°/ 50.4°	461
3	CSX60S100 PRO (sy(122)	26	64890	5377	2.65	2.43e-08	80.8°/ 56.2°	444
4	CSX60S100 PRO (sy..(81)	31	44170	3121	2.26	5.25e-08	86.8°/ 50.4°	432
5	CSX60S100 PRO (sy..(82)	37	32280	2021	2.00	9.82e-08	115.1°/ 47.4°	432
6	CSX60S100 PRO (sy..(90)	43	30580	1848	1.93	1.09e-07	174.9°/ 47.4°	461
7	CSX60S100 PRO (sy(121)	34	34950	2043	1.87	8.38e-08	115.5°/ 47.2°	444
8	CSX60S100 PRO (sy(113)	40	29710	1736	1.87	1.16e-07	174.5°/ 47.2°	443
9	CSX60S100 PRO (sy..(73)	4	189200	10030	1.70	2.86e-09	264.8°/ 50.4°	394
10	CSX60S200 PRO (LL(126)	4	180200	7257	1.29	3.15e-09	71.6°/ 62.9°	443
11	CSX60S200 PRO (LU.(75)	4	137100	5001	1.17	5.45e-09	261.4°/ 57.6°	394
12	CSX60S200 PRO (LL(102)	4	88330	2455	0.89	1.31e-08	251.6°/ 62.9°	374
13	CSX60S200 PRO (LU.(85)	4	44230	461	0.33	5.24e-08	84.0°/ 63.4°	432
14	CSX60S200 PRO (LL(118)	4	36160	293	0.26	7.83e-08	218.4°/ 62.9°	443
15	CSX60S300 PRO (LL(128)	4	36750	282	0.25	7.58e-08	101.8°/ 67.9°	443
16	CSX60S300 PRO (LU.(87)	4	31290	215	0.22	1.05e-07	106.2°/ 68.0°	432
17	CSX60S200 PRO (LU.(93)	4	31340	204	0.21	1.04e-07	206.0°/ 63.4°	461
18	CSX60S200 PRO (LL(125)	4	28050	176	0.20	1.30e-07	135.8°/ 64.7°	443
19	CSX60S200 PRO (LU.(86)	4	26430	165	0.20	1.47e-07	137.2°/ 65.9°	432
20	CSX60S300 PRO (LL(120)	4	27880	162	0.19	1.32e-07	188.2°/ 67.9°	443

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy(114)	53	34190	3111	2.91	8.76e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy(122)	25	66480	5589	2.69	2.32e-08	80.8°/ 56.2°	443
3	CSX60S100 PRO (sy..(89)	51	33550	2619	2.50	9.10e-08	205.2°/ 50.4°	461
4	CSX60S100 PRO (sy..(81)	27	44770	2796	2.00	5.11e-08	86.8°/ 50.4°	432
5	CSX60S100 PRO (sy..(82)	29	32520	1592	1.57	9.68e-08	115.1°/ 47.4°	432
6	CSX60S200 PRO (LL(126)	4	216200	10450	1.55	2.19e-09	71.6°/ 62.9°	443
7	CSX60S100 PRO (sy(121)	27	35230	1693	1.54	8.25e-08	115.5°/ 47.2°	443
8	CSX60S100 PRO (sy..(90)	32	30750	1401	1.46	1.08e-07	174.9°/ 47.4°	460
9	CSX60S100 PRO (sy(113)	30	29880	1331	1.43	1.15e-07	174.5°/ 47.2°	443
10	CSX60S200 PRO (LL(102)	4	94240	2798	0.95	1.15e-08	251.6°/ 62.9°	373
11	CSX60S200 PRO (LU.(75)	2	163200	3705	0.73	3.84e-09	261.4°/ 57.6°	394
12	CSX60S200 PRO (LU.(85)	4	44640	470	0.34	5.14e-08	84.0°/ 63.4°	432
13	CSX60S200 PRO (LL(118)	4	36360	296	0.26	7.75e-08	218.4°/ 62.9°	443
14	CSX60S300 PRO (LL(128)	4	36930	285	0.25	7.51e-08	101.8°/ 67.9°	443
15	CSX60S300 PRO (LU.(87)	4	31400	217	0.22	1.04e-07	106.2°/ 68.0°	431
16	CSX60S200 PRO (LU.(93)	4	31450	205	0.21	1.03e-07	206.0°/ 63.4°	460
17	CSX60S200 PRO (LL(125)	4	28130	177	0.20	1.29e-07	135.8°/ 64.7°	443
18	CSX60S200 PRO (LU.(86)	4	26500	166	0.20	1.46e-07	137.2°/ 65.9°	432
19	CSX60S300 PRO (LU.(88)	4	27560	167	0.19	1.35e-07	125.6°/ 66.8°	432
20	CSX60S200 PRO (LU.(94)	4	28110	164	0.19	1.30e-07	152.8°/ 65.9°	460

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(65)	--	10120000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	10120000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	10120000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	10120000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	10120000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	10120000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	10120000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	10120000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	10120000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	10120000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	10120000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	10120000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	10120000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	10120000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	10120000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	10120000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	10120000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	10120000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	10120000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	10120000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy(114)	53	36820	3158	2.74	7.55e-08	208.1°/ 52.7°	472
2	CSX60S100 PRO (sy(122)	25	67810	4971	2.35	2.23e-08	80.8°/ 56.2°	473
3	CSX60S100 PRO (sy..(89)	50	35950	2639	2.35	7.92e-08	205.2°/ 50.4°	489
4	CSX60S100 PRO (sy..(81)	27	47400	2821	1.90	4.56e-08	86.8°/ 50.4°	462
5	CSX60S100 PRO (sy..(82)	29	34680	1574	1.45	8.52e-08	115.1°/ 47.4°	462
6	CSX60S100 PRO (sy(121)	27	37270	1613	1.38	7.37e-08	115.5°/ 47.2°	473
7	CSX60S100 PRO (sy(113)	30	31950	1341	1.34	1.00e-07	174.5°/ 47.2°	472
8	CSX60S100 PRO (sy..(90)	30	32700	1320	1.29	9.57e-08	174.9°/ 47.4°	489
9	CSX60S200 PRO (LL(102)	4	133300	4819	1.16	5.76e-09	251.6°/ 62.9°	402
10	CSX60S200 PRO (LL(126)	4	159700	5017	1.01	4.01e-09	71.6°/ 62.9°	473
11	CSX60S200 PRO (LU.(75)	1	272100	5015	0.59	1.38e-09	261.4°/ 57.6°	422
12	CSX60S200 PRO (LU.(85)	4	47160	458	0.31	4.60e-08	84.0°/ 63.4°	462
13	CSX60S200 PRO (LL(118)	4	39310	304	0.25	6.63e-08	218.4°/ 62.9°	472
14	CSX60S300 PRO (LL(128)	4	38840	277	0.23	6.79e-08	101.8°/ 67.9°	472
15	CSX60S300 PRO (LU.(87)	4	33420	214	0.21	9.17e-08	106.2°/ 68.0°	462
16	CSX60S200 PRO (LU.(93)	4	33720	209	0.20	9.01e-08	206.0°/ 63.4°	489
17	CSX60S200 PRO (LL(125)	4	29890	176	0.19	1.15e-07	135.8°/ 64.7°	473
18	CSX60S200 PRO (LU.(86)	4	28320	165	0.19	1.28e-07	137.2°/ 65.9°	462
19	CSX60S300 PRO (LU.(88)	4	29410	166	0.18	1.18e-07	125.6°/ 66.8°	462
20	CSX60S200 PRO (LU.(94)	4	29760	163	0.18	1.16e-07	152.8°/ 65.9°	489
21	CSX60S200 PRO (LL(117)	4	28560	161	0.18	1.26e-07	154.2°/ 64.7°	472

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LL(102)	4	726600	109500	4.82	1.94e-10	251.6°/ 62.9°	460
2	CSX60S100 PRO (sy(114)	55	41790	3326	2.55	5.86e-08	208.1°/ 52.7°	531
3	CSX60S100 PRO (sy..(89)	52	40550	2785	2.20	6.23e-08	205.2°/ 50.4°	546
4	CSX60S100 PRO (sy(122)	27	70310	4704	2.14	2.07e-08	80.8°/ 56.2°	531
5	CSX60S100 PRO (sy..(81)	32	52130	3097	1.90	3.77e-08	86.8°/ 50.4°	522
6	CSX60S100 PRO (sy..(90)	38	36460	1670	1.47	7.70e-08	174.9°/ 47.4°	545
7	CSX60S100 PRO (sy(113)	37	35870	1648	1.47	7.96e-08	174.5°/ 47.2°	531
8	CSX60S100 PRO (sy..(82)	33	38710	1749	1.45	6.83e-08	115.1°/ 47.4°	522
9	CSX60S100 PRO (sy(121)	31	41090	1834	1.43	6.07e-08	115.5°/ 47.2°	531
10	CSX60S200 PRO (LL(126)	4	126700	2502	0.63	6.38e-09	71.6°/ 62.9°	531
11	CSX60S200 PRO (LU.(85)	4	51860	435	0.27	3.81e-08	84.0°/ 63.4°	521
12	CSX60S200 PRO (LL(118)	4	44980	316	0.22	5.06e-08	218.4°/ 62.9°	531
13	CSX60S300 PRO (LL(128)	4	42550	263	0.20	5.66e-08	101.8°/ 67.9°	531
14	CSX60S300 PRO (LU.(87)	4	37320	210	0.18	7.35e-08	106.2°/ 68.0°	521
15	CSX60S200 PRO (LU.(93)	4	38130	215	0.18	7.04e-08	206.0°/ 63.4°	545
16	CSX60S200 PRO (LL(125)	4	33300	173	0.17	9.24e-08	135.8°/ 64.7°	531
17	CSX60S300 PRO (LL(120)	4	33840	166	0.16	8.94e-08	188.2°/ 67.9°	531
18	CSX60S300 PRO (LU.(88)	4	33000	164	0.16	9.40e-08	125.6°/ 66.8°	521
19	CSX60S200 PRO (LU.(94)	4	33000	161	0.16	9.40e-08	152.8°/ 65.9°	545
20	CSX60S200 PRO (LL(117)	4	31990	160	0.16	1.00e-07	154.2°/ 64.7°	530

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy(114)	50	42040	3083	2.35	5.79e-08	208.1°/ 52.7°	531
2	CSX60S100 PRO (sy(122)	26	71480	4614	2.07	2.00e-08	80.8°/ 56.2°	531
3	CSX60S100 PRO (sy..(89)	47	40770	2566	2.01	6.16e-08	205.2°/ 50.4°	545
4	CSX60S200 PRO (LL(102)	3	391000	23350	1.91	6.70e-10	251.6°/ 62.9°	460
5	CSX60S100 PRO (sy..(81)	28	52690	2839	1.72	3.69e-08	86.8°/ 50.4°	521
6	CSX60S100 PRO (sy..(82)	28	38950	1523	1.25	6.75e-08	115.1°/ 47.4°	521
7	CSX60S100 PRO (sy(121)	27	41360	1598	1.24	5.99e-08	115.5°/ 47.2°	531
8	CSX60S100 PRO (sy..(90)	31	36630	1354	1.18	7.63e-08	174.9°/ 47.4°	545
9	CSX60S100 PRO (sy(113)	29	36050	1309	1.16	7.88e-08	174.5°/ 47.2°	530
10	CSX60S200 PRO (LL(126)	4	132600	2743	0.66	5.82e-09	71.6°/ 62.9°	531
11	CSX60S200 PRO (LU.(85)	4	52240	441	0.27	3.75e-08	84.0°/ 63.4°	521
12	CSX60S200 PRO (LL(118)	4	45210	319	0.23	5.01e-08	218.4°/ 62.9°	530
13	CSX60S300 PRO (LL(128)	4	42700	265	0.20	5.62e-08	101.8°/ 67.9°	530
14	CSX60S300 PRO (LU.(87)	4	37430	211	0.18	7.31e-08	106.2°/ 68.0°	521
15	CSX60S200 PRO (LU.(93)	4	38250	216	0.18	7.00e-08	206.0°/ 63.4°	545
16	CSX60S200 PRO (LU.(86)	4	31900	165	0.17	1.01e-07	137.2°/ 65.9°	521
17	CSX60S200 PRO (LL(125)	4	33380	174	0.17	9.19e-08	135.8°/ 64.7°	531
18	CSX60S300 PRO (LU.(88)	4	33080	165	0.16	9.36e-08	125.6°/ 66.8°	521
19	CSX60S200 PRO (LL(117)	4	32060	161	0.16	9.96e-08	154.2°/ 64.7°	530
20	CSX60S300 PRO (LL(120)	4	33910	167	0.16	8.91e-08	188.2°/ 67.9°	530

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S100 PRO (sy(114)	53	47050	3270	2.22	4.63e-08	208.1°/ 52.7°	589
2	CSX60S100 PRO (sy..(89)	49	45440	2735	1.93	4.96e-08	205.2°/ 50.4°	603
3	CSX60S100 PRO (sy(122)	28	74670	4370	1.87	1.84e-08	80.8°/ 56.2°	590
4	CSX60S100 PRO (sy..(81)	33	57390	3102	1.73	3.11e-08	86.8°/ 50.4°	581
5	CSX60S100 PRO (sy..(82)	33	42960	1767	1.32	5.55e-08	115.1°/ 47.4°	581
6	CSX60S100 PRO (sy..(90)	38	40420	1651	1.31	6.27e-08	174.9°/ 47.4°	602
7	CSX60S100 PRO (sy(121)	31	45200	1769	1.25	5.01e-08	115.5°/ 47.2°	590
8	CSX60S100 PRO (sy(113)	34	39990	1519	1.22	6.40e-08	174.5°/ 47.2°	589
9	CSX60S200 PRO (LL(126)	4	121800	1876	0.49	6.90e-09	71.6°/ 62.9°	589
10	CSX60S200 PRO (LU.(85)	4	56940	422	0.24	3.16e-08	84.0°/ 63.4°	581
11	CSX60S200 PRO (LL(118)	4	50950	329	0.21	3.94e-08	218.4°/ 62.9°	589
12	CSX60S300 PRO (LL(128)	4	46470	255	0.18	4.74e-08	101.8°/ 67.9°	589
13	CSX60S200 PRO (LU.(93)	4	42740	221	0.17	5.61e-08	206.0°/ 63.4°	602
14	CSX60S300 PRO (LU.(87)	4	41320	207	0.16	6.00e-08	106.2°/ 68.0°	581
15	CSX60S200 PRO (LU.(86)	4	35410	163	0.15	8.17e-08	137.2°/ 65.9°	581
16	CSX60S200 PRO (LL(125)	4	36810	171	0.15	7.56e-08	135.8°/ 64.7°	589
17	CSX60S200 PRO (LL(117)	4	35500	160	0.14	8.13e-08	154.2°/ 64.7°	589
18	CSX60S300 PRO (LU.(88)	4	36660	163	0.14	7.62e-08	125.6°/ 66.8°	581
19	CSX60S300 PRO (LL(119)	4	35870	152	0.14	7.96e-08	173.6°/ 67.1°	589
20	CSX60S300 PRO (LL(120)	4	37820	169	0.14	7.16e-08	188.2°/ 67.9°	589

I(p) IO 14 Schwarzkehlchenweg 30 O(1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(114)	47	47310	2981	2.02	4.57e-08	208.1°/ 52.7°	589
2	CSX60S100 PRO (sy(122)	26	75680	4183	1.77	1.79e-08	80.8°/ 56.2°	589
3	CSX60S100 PRO (sy..(89)	45	45670	2533	1.77	4.91e-08	205.2°/ 50.4°	602
4	CSX60S100 PRO (sy..(81)	30	57930	2877	1.59	3.05e-08	86.8°/ 50.4°	581
5	CSX60S100 PRO (sy(121)	27	45460	1595	1.12	4.96e-08	115.5°/ 47.2°	589

6	CSX60S100 PRO (sy..(82)	28	43190	1492	1.11	5.49e-08	115.1°/ 47.4°	581
7	CSX60S100 PRO (sy(113)	29	40170	1300	1.04	6.35e-08	174.5°/ 47.2°	589
8	CSX60S100 PRO (sy..(90)	29	40600	1300	1.02	6.21e-08	174.9°/ 47.4°	602
9	CSX60S200 PRO (LL(126)	4	125500	1994	0.51	6.50e-09	71.6°/ 62.9°	589
10	CSX60S200 PRO (LU.(85)	4	57310	428	0.24	3.12e-08	84.0°/ 63.4°	581
11	CSX60S200 PRO (LL(118)	4	51200	332	0.21	3.91e-08	218.4°/ 62.9°	589
12	CSX60S300 PRO (LL(128)	4	46620	257	0.18	4.71e-08	101.8°/ 67.9°	589
13	CSX60S200 PRO (LU.(93)	4	42870	223	0.17	5.57e-08	206.0°/ 63.4°	602
14	CSX60S300 PRO (LU.(87)	4	41430	209	0.16	5.97e-08	106.2°/ 68.0°	580
15	CSX60S200 PRO (LU.(86)	4	35480	164	0.15	8.14e-08	137.2°/ 65.9°	581
16	CSX60S200 PRO (LL(125)	4	36890	172	0.15	7.53e-08	135.8°/ 64.7°	589
17	CSX60S200 PRO (LL(117)	4	35570	160	0.14	8.09e-08	154.2°/ 64.7°	589
18	CSX60S300 PRO (LU.(88)	4	36740	164	0.14	7.59e-08	125.6°/ 66.8°	580
19	CSX60S300 PRO (LL(119)	4	35940	153	0.14	7.93e-08	173.6°/ 67.1°	589
20	CSX60S300 PRO (LL(120)	4	37900	169	0.14	7.13e-08	188.2°/ 67.9°	589

I(p) IO 15 Schwarzkehlchenweg 44 E((1658.55m / 980.45m / 2.60m)²

1	CSX60S100 PRO (sy(114)	51	51430	3244	2.02	3.87e-08	208.1°/ 52.7°	638
2	CSX60S100 PRO (sy(122)	29	78620	4308	1.75	1.66e-08	80.8°/ 56.2°	638
3	CSX60S100 PRO (sy..(89)	48	49540	2711	1.75	4.17e-08	205.2°/ 50.4°	650
4	CSX60S100 PRO (sy..(81)	32	61790	3046	1.58	2.68e-08	86.8°/ 50.4°	630
5	CSX60S100 PRO (sy..(82)	32	46490	1713	1.18	4.74e-08	115.1°/ 47.4°	630
6	CSX60S100 PRO (sy(113)	34	43410	1541	1.14	5.43e-08	174.5°/ 47.2°	637
7	CSX60S100 PRO (sy..(90)	34	43740	1492	1.09	5.35e-08	174.9°/ 47.4°	650
8	CSX60S100 PRO (sy(121)	29	48630	1640	1.08	4.33e-08	115.5°/ 47.2°	638
9	CSX60S200 PRO (LL(126)	4	122000	1607	0.42	6.88e-09	71.6°/ 62.9°	638
10	CSX60S200 PRO (LU.(85)	4	61190	415	0.22	2.74e-08	84.0°/ 63.4°	630
11	CSX60S200 PRO (LL(118)	4	55940	338	0.19	3.27e-08	218.4°/ 62.9°	637
12	CSX60S200 PRO (LU.(93)	4	46600	226	0.16	4.72e-08	206.0°/ 63.4°	650
13	CSX60S300 PRO (LL(128)	4	49770	250	0.16	4.13e-08	101.8°/ 67.9°	637
14	CSX60S300 PRO (LU.(87)	4	44640	206	0.15	5.14e-08	106.2°/ 68.0°	629
15	CSX60S200 PRO (LU.(86)	4	38370	163	0.14	6.96e-08	137.2°/ 65.9°	630
16	CSX60S200 PRO (LL(125)	4	39720	171	0.14	6.49e-08	135.8°/ 64.7°	638
17	CSX60S200 PRO (LL(117)	4	38410	160	0.13	6.94e-08	154.2°/ 64.7°	637
18	CSX60S300 PRO (LU.(88)	4	39690	163	0.13	6.50e-08	125.6°/ 66.8°	630
19	CSX60S300 PRO (LL(119)	4	38920	153	0.13	6.76e-08	173.6°/ 67.1°	637
20	CSX60S300 PRO (LL(120)	4	41130	170	0.13	6.05e-08	188.2°/ 67.9°	637

I(p) IO 15 Schwarzkehlchenweg 44 O((1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(114)	47	51700	3032	1.88	3.83e-08	208.1°/ 52.7°	637
2	CSX60S100 PRO (sy(122)	27	79550	4139	1.66	1.62e-08	80.8°/ 56.2°	638
3	CSX60S100 PRO (sy..(89)	44	49790	2519	1.62	4.13e-08	205.2°/ 50.4°	650
4	CSX60S100 PRO (sy..(81)	30	62320	2887	1.48	2.64e-08	86.8°/ 50.4°	630
5	CSX60S100 PRO (sy..(82)	27	46720	1475	1.01	4.69e-08	115.1°/ 47.4°	630
6	CSX60S100 PRO (sy(121)	27	48880	1530	1.00	4.29e-08	115.5°/ 47.2°	638
7	CSX60S100 PRO (sy(113)	29	43590	1310	0.96	5.39e-08	174.5°/ 47.2°	637
8	CSX60S100 PRO (sy..(90)	29	43910	1297	0.95	5.31e-08	174.9°/ 47.4°	650
9	CSX60S200 PRO (LL(126)	4	124900	1686	0.43	6.56e-09	71.6°/ 62.9°	637
10	CSX60S200 PRO (LU.(85)	4	61540	420	0.22	2.70e-08	84.0°/ 63.4°	629
11	CSX60S200 PRO (LL(118)	4	56210	342	0.19	3.24e-08	218.4°/ 62.9°	637
12	CSX60S300 PRO (LL(128)	4	49910	251	0.16	4.11e-08	101.8°/ 67.9°	637
13	CSX60S200 PRO (LU.(93)	4	46740	227	0.16	4.69e-08	206.0°/ 63.4°	650
14	CSX60S300 PRO (LU.(87)	4	44740	207	0.15	5.11e-08	106.2°/ 68.0°	629
15	CSX60S200 PRO (LL(125)	4	39800	171	0.14	6.46e-08	135.8°/ 64.7°	637
16	CSX60S200 PRO (LU.(86)	4	38440	164	0.14	6.93e-08	137.2°/ 65.9°	629
17	CSX60S300 PRO (LL(119)	4	38980	153	0.13	6.74e-08	173.6°/ 67.1°	637
18	CSX60S300 PRO (LL(120)	4	41210	171	0.13	6.03e-08	188.2°/ 67.9°	637
19	CSX60S300 PRO (LU.(88)	4	39760	163	0.13	6.48e-08	125.6°/ 66.8°	629
20	CSX60S200 PRO (LL(117)	4	38480	160	0.13	6.91e-08	154.2°/ 64.7°	637

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy..(65)	--	10120000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	10120000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	10120000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	10120000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	10120000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	10120000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	10120000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	10120000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	10120000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	10120000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	10120000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	10120000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	10120000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	10120000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	10120000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	10120000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	10120000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	10120000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	10120000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	10120000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(122)	54	56840	3659	2.06	3.17e-08	80.8°/ 56.2°	684
2	CSX60S100 PRO (sy..(81)	40	53810	2352	1.40	3.54e-08	86.8°/ 50.4°	696
3	CSX60S100 PRO (sy(114)	25	79510	3311	1.33	1.62e-08	208.1°/ 52.7°	684
4	CSX60S100 PRO (sy(113)	24	51880	1369	0.84	3.80e-08	174.5°/ 47.2°	684
5	CSX60S100 PRO (sy..(82)	27	47510	1248	0.84	4.54e-08	115.1°/ 47.4°	696
6	CSX60S100 PRO (sy(121)	26	47320	1196	0.81	4.57e-08	115.5°/ 47.2°	684
7	CSX60S200 PRO (LL(118)	4	115400	1248	0.35	7.69e-09	218.4°/ 62.9°	684
8	CSX60S200 PRO (LL(126)	4	62920	372	0.19	2.59e-08	71.6°/ 62.9°	684
9	CSX60S300 PRO (LL(120)	4	52400	240	0.15	3.73e-08	188.2°/ 67.9°	684
10	CSX60S200 PRO (LU.(85)	4	51340	239	0.15	3.89e-08	84.0°/ 63.4°	696
11	CSX60S300 PRO (LL(119)	4	46150	186	0.13	4.81e-08	173.6°/ 67.1°	684
12	CSX60S200 PRO (LL(117)	4	42510	170	0.13	5.67e-08	154.2°/ 64.7°	684
13	CSX60S300 PRO (LL(128)	4	44850	176	0.13	5.09e-08	101.8°/ 67.9°	684
14	CSX60S300 PRO (LL(127)	4	41270	149	0.12	6.01e-08	126.4°/ 67.1°	684
15	CSX60S200 PRO (LL(125)	4	41390	161	0.12	5.98e-08	135.8°/ 64.7°	684
16	CSX60S200 PRO (LU.(86)	4	42000	160	0.12	5.80e-08	137.2°/ 65.9°	696
17	CSX60S300 PRO (LU.(87)	4	43660	161	0.12	5.37e-08	106.2°/ 68.0°	696
18	CSX60S300 PRO (LU.(88)	4	41850	148	0.11	5.85e-08	125.6°/ 66.8°	696
19	CSX60S200 PRO (LL(116)	2	61850	173	0.09	2.68e-08	197.6°/ 58.6°	684
20	CSX60S200 PRO (LU.(83)	2	54120	128	0.08	3.50e-08	81.4°/ 57.6°	696

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy..(65)	--	30360000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	30360000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	30360000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	30360000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	30360000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	30360000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	30360000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	30360000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	30360000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	30360000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	30360000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	30360000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	30360000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	30360000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	30360000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	30360000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	30360000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	30360000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	30360000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	30360000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy..(65)	--	30360000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	30360000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	30360000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	30360000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	30360000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	30360000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	30360000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	30360000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	30360000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	30360000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	30360000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	30360000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	30360000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	30360000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	30360000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	30360000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	30360000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	30360000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	30360000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	30360000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(122)	71	127200	4875	3.68	5.69e-08	80.8°/ 56.2°	507
2	CSX60S100 PRO (sy..(81)	50	118600	2840	2.30	6.55e-08	86.8°/ 50.4°	518
3	CSX60S100 PRO (sy(114)	31	164800	3534	2.06	3.39e-08	208.1°/ 52.7°	507
4	CSX60S100 PRO (sy..(89)	35	139400	2965	2.04	4.74e-08	205.2°/ 50.4°	502
5	CSX60S100 PRO (sy..(90)	38	107500	1868	1.67	7.97e-08	174.9°/ 47.4°	502
6	CSX60S100 PRO (sy..(82)	41	104900	1816	1.66	8.37e-08	115.1°/ 47.4°	518
7	CSX60S100 PRO (sy(121)	38	104500	1773	1.63	8.43e-08	115.5°/ 47.2°	507
8	CSX60S100 PRO (sy(113)	35	112500	1853	1.58	7.29e-08	174.5°/ 47.2°	507
9	CSX60S200 PRO (LL(118)	4	223600	949	0.41	1.84e-08	218.4°/ 62.9°	507
10	CSX60S200 PRO (LL(126)	4	142100	384	0.26	4.56e-08	71.6°/ 62.9°	507
11	CSX60S200 PRO (LU.(93)	4	132700	341	0.25	5.23e-08	206.0°/ 63.4°	502
12	CSX60S200 PRO (LU.(85)	4	113700	236	0.20	7.12e-08	84.0°/ 63.4°	518
13	CSX60S300 PRO (LL(120)	4	113500	228	0.19	7.15e-08	188.2°/ 67.9°	507
14	CSX60S300 PRO (LU.(95)	4	102300	189	0.18	8.80e-08	183.8°/ 68.0°	502
15	CSX60S200 PRO (LL(117)	4	93520	166	0.17	1.05e-07	154.2°/ 64.7°	507
16	CSX60S300 PRO (LL(119)	4	100900	180	0.17	9.06e-08	173.6°/ 67.1°	507
17	CSX60S200 PRO (LL(125)	4	91530	159	0.17	1.10e-07	135.8°/ 64.7°	507
18	CSX60S200 PRO (LU.(94)	4	90740	160	0.17	1.12e-07	152.8°/ 65.9°	502
19	CSX60S300 PRO (LL(128)	4	100100	178	0.17	9.20e-08	101.8°/ 67.9°	507
20	CSX60S300 PRO (LU.(87)	4	97010	160	0.16	9.79e-08	106.2°/ 68.0°	518

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(122)	62	128000	4277	3.21	5.62e-08	80.8°/ 56.2°	507
2	CSX60S100 PRO (sy..(81)	46	119300	2669	2.15	6.47e-08	86.8°/ 50.4°	518
3	CSX60S100 PRO (sy(114)	29	166800	3357	1.93	3.31e-08	208.1°/ 52.7°	507
4	CSX60S100 PRO (sy..(89)	32	140700	2714	1.85	4.65e-08	205.2°/ 50.4°	502
5	CSX60S100 PRO (sy..(82)	33	105400	1475	1.34	8.29e-08	115.1°/ 47.4°	518
6	CSX60S100 PRO (sy..(90)	29	108100	1476	1.31	7.88e-08	174.9°/ 47.4°	502
7	CSX60S100 PRO (sy(113)	28	113100	1524	1.29	7.20e-08	174.5°/ 47.2°	507
8	CSX60S100 PRO (sy(121)	29	105100	1350	1.23	8.35e-08	115.5°/ 47.2°	507
9	CSX60S200 PRO (LL(118)	4	227500	983	0.41	1.78e-08	218.4°/ 62.9°	507
10	CSX60S200 PRO (LL(126)	4	143100	389	0.26	4.50e-08	71.6°/ 62.9°	507
11	CSX60S200 PRO (LU.(93)	4	133500	345	0.25	5.17e-08	206.0°/ 63.4°	502
12	CSX60S200 PRO (LU.(85)	4	114200	238	0.20	7.07e-08	84.0°/ 63.4°	518
13	CSX60S300 PRO (LL(120)	4	113900	229	0.19	7.11e-08	188.2°/ 67.9°	507
14	CSX60S300 PRO (LU.(95)	4	102600	190	0.18	8.76e-08	183.8°/ 68.0°	502
15	CSX60S200 PRO (LL(117)	4	93740	167	0.17	1.05e-07	154.2°/ 64.7°	507
16	CSX60S300 PRO (LL(119)	4	101100	181	0.17	9.01e-08	173.6°/ 67.1°	507
17	CSX60S200 PRO (LL(125)	4	91730	160	0.17	1.10e-07	135.8°/ 64.7°	507
18	CSX60S200 PRO (LU.(94)	4	90930	160	0.17	1.11e-07	152.8°/ 65.9°	502
19	CSX60S300 PRO (LL(128)	4	100300	179	0.17	9.15e-08	101.8°/ 67.9°	506
20	CSX60S300 PRO (LU.(87)	4	97200	160	0.16	9.75e-08	106.2°/ 68.0°	517

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy(122)	78	108300	5160	4.58	7.86e-08	80.8°/ 56.2°	440
2	CSX60S100 PRO (sy..(81)	53	101600	2901	2.74	8.94e-08	86.8°/ 50.4°	452
3	CSX60S100 PRO (sy..(89)	37	120700	3085	2.45	6.32e-08	205.2°/ 50.4°	434
4	CSX60S100 PRO (sy(114)	30	146800	3650	2.39	4.27e-08	208.1°/ 52.7°	440
5	CSX60S100 PRO (sy(121)	42	90060	1905	2.03	1.14e-07	115.5°/ 47.2°	440
6	CSX60S100 PRO (sy..(90)	40	92850	1966	2.03	1.07e-07	174.9°/ 47.4°	434
7	CSX60S100 PRO (sy..(82)	43	90960	1903	2.01	1.11e-07	115.1°/ 47.4°	452
8	CSX60S100 PRO (sy(113)	37	98110	2026	1.98	9.57e-08	174.5°/ 47.2°	440
9	CSX60S200 PRO (LL(118)	4	206800	1079	0.50	2.15e-08	218.4°/ 62.9°	440
10	CSX60S200 PRO (LL(126)	4	120100	364	0.29	6.39e-08	71.6°/ 62.9°	439
11	CSX60S200 PRO (LU.(93)	4	115200	344	0.29	6.95e-08	206.0°/ 63.4°	434
12	CSX60S200 PRO (LU.(85)	4	97240	226	0.22	9.75e-08	84.0°/ 63.4°	452
13	CSX60S300 PRO (LL(120)	4	99720	234	0.22	9.27e-08	188.2°/ 67.9°	440
14	CSX60S300 PRO (LU.(95)	4	88550	190	0.21	1.18e-07	183.8°/ 68.0°	434
15	CSX60S300 PRO (LL(119)	4	88110	183	0.20	1.19e-07	173.6°/ 67.1°	440
16	CSX60S200 PRO (LL(117)	4	81290	167	0.20	1.39e-07	154.2°/ 64.7°	440
17	CSX60S200 PRO (LU.(94)	4	78360	160	0.20	1.50e-07	152.8°/ 65.9°	434
18	CSX60S200 PRO (LL(125)	4	79250	159	0.19	1.47e-07	135.8°/ 64.7°	440
19	CSX60S200 PRO (LU.(86)	4	81530	159	0.19	1.39e-07	137.2°/ 65.9°	452
20	CSX60S300 PRO (LL(128)	4	86000	174	0.19	1.25e-07	101.8°/ 67.9°	439

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S100 PRO (sy(122)	60	109400	4008	3.52	7.70e-08	80.8°/ 56.2°	439
2	CSX60S100 PRO (sy..(81)	46	102600	2549	2.39	8.76e-08	86.8°/ 50.4°	452
3	CSX60S100 PRO (sy(114)	27	150200	3413	2.18	4.08e-08	208.1°/ 52.7°	440
4	CSX60S100 PRO (sy..(89)	31	122700	2667	2.09	6.12e-08	205.2°/ 50.4°	434
5	CSX60S100 PRO (sy..(90)	28	93780	1420	1.45	1.05e-07	174.9°/ 47.4°	433
6	CSX60S100 PRO (sy(121)	29	90860	1341	1.42	1.12e-07	115.5°/ 47.2°	439
7	CSX60S100 PRO (sy(113)	26	99180	1459	1.41	9.37e-08	174.5°/ 47.2°	439
8	CSX60S100 PRO (sy..(82)	30	91730	1319	1.38	1.10e-07	115.1°/ 47.4°	452
9	CSX60S200 PRO (LL(118)	4	214100	1158	0.52	2.01e-08	218.4°/ 62.9°	440
10	CSX60S200 PRO (LU.(93)	4	116300	351	0.29	6.81e-08	206.0°/ 63.4°	433
11	CSX60S200 PRO (LL(126)	4	121400	373	0.29	6.26e-08	71.6°/ 62.9°	439
12	CSX60S300 PRO (LL(120)	4	100300	237	0.23	9.16e-08	188.2°/ 67.9°	439
13	CSX60S200 PRO (LU.(85)	4	97830	229	0.22	9.63e-08	84.0°/ 63.4°	452
14	CSX60S300 PRO (LU.(95)	4	88950	191	0.21	1.16e-07	183.8°/ 68.0°	433
15	CSX60S300 PRO (LL(128)	4	86350	176	0.20	1.24e-07	101.8°/ 67.9°	439
16	CSX60S200 PRO (LL(117)	4	81630	169	0.20	1.38e-07	154.2°/ 64.7°	439
17	CSX60S300 PRO (LL(119)	4	88500	185	0.20	1.18e-07	173.6°/ 67.1°	439
18	CSX60S200 PRO (LU.(94)	4	78650	161	0.20	1.49e-07	152.8°/ 65.9°	433
19	CSX60S200 PRO (LU.(86)	4	81830	160	0.19	1.38e-07	137.2°/ 65.9°	452
20	CSX60S200 PRO (LL(125)	4	79560	160	0.19	1.46e-07	135.8°/ 64.7°	439

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(106)	15	117700	55410	15.06	7.39e-09	29.2°/ 56.2°	192
2	CSX60S100 PRO (sy(122)	133	19690	7406	12.04	2.64e-07	80.8°/ 56.2°	261
3	CSX60S100 PRO (sy..(65)	27	36370	7302	6.43	7.74e-08	25.2°/ 50.4°	219
4	CSX60S100 PRO (sy..(81)	68	19510	3181	5.22	2.69e-07	86.8°/ 50.4°	281
5	CSX60S100 PRO (sy..(89)	42	23580	3613	4.90	1.84e-07	205.2°/ 50.4°	251
6	CSX60S100 PRO (sy..(90)	53	17870	2615	4.68	3.21e-07	174.9°/ 47.4°	251
7	CSX60S100 PRO (sy(121)	57	17330	2466	4.55	3.41e-07	115.5°/ 47.2°	261
8	CSX60S100 PRO (sy(114)	28	34780	4906	4.51	8.47e-08	208.1°/ 52.7°	261
9	CSX60S100 PRO (sy..(82)	60	18470	2510	4.35	3.00e-07	115.1°/ 47.4°	281
10	CSX60S100 PRO (sy(113)	45	20190	2629	4.17	2.51e-07	174.5°/ 47.2°	261
11	CSX60S200 PRO (LL(118)	4	78740	3998	1.62	1.65e-08	218.4°/ 62.9°	261
12	CSX60S200 PRO (LL(110)	4	32060	1224	1.22	9.96e-08	38.4°/ 62.9°	192
13	CSX60S200 PRO (LU.(69)	4	34900	1113	1.02	8.41e-08	26.0°/ 63.4°	219
14	CSX60S200 PRO (LU.(67)	3	32070	647	0.65	9.95e-08	27.6°/ 57.6°	219
15	CSX60S200 PRO (LU.(93)	4	22700	360	0.51	1.99e-07	206.0°/ 63.4°	251
16	CSX60S200 PRO (LU.(94)	6	15070	210	0.45	4.51e-07	152.8°/ 65.9°	250
17	CSX60S200 PRO (LL(126)	4	21170	290	0.44	2.29e-07	71.6°/ 62.9°	260
18	CSX60S300 PRO (LL(120)	4	21370	274	0.41	2.24e-07	188.2°/ 67.9°	261
19	CSX60S300 PRO (LU.(95)	4	17230	193	0.36	3.45e-07	183.8°/ 68.0°	251
20	CSX60S300 PRO (LL(119)	4	18260	201	0.35	3.07e-07	173.6°/ 67.1°	261

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy(122)	72	20090	4204	6.70	2.54e-07	80.8°/ 56.2°	260
2	CSX60S100 PRO (sy..(65)	22	42960	8118	6.05	5.55e-08	25.2°/ 50.4°	219
3	CSX60S100 PRO (sy(114)	24	37590	4846	4.12	7.25e-08	208.1°/ 52.7°	261
4	CSX60S100 PRO (sy..(81)	51	19860	2508	4.04	2.60e-07	86.8°/ 50.4°	281
5	CSX60S100 PRO (sy..(89)	29	24530	2725	3.55	1.70e-07	205.2°/ 50.4°	250
6	CSX60S200 PRO (LL(118)	4	120200	9343	2.49	7.09e-09	218.4°/ 62.9°	261
7	CSX60S100 PRO (sy..(90)	27	18280	1413	2.47	3.06e-07	174.9°/ 47.4°	250
8	CSX60S100 PRO (sy(113)	25	20730	1531	2.36	2.38e-07	174.5°/ 47.2°	260
9	CSX60S100 PRO (sy(121)	27	17650	1223	2.22	3.29e-07	115.5°/ 47.2°	260
10	CSX60S100 PRO (sy..(82)	26	18780	1154	1.97	2.90e-07	115.1°/ 47.4°	281
11	CSX60S200 PRO (LL(110)	4	36560	1601	1.40	7.66e-08	38.4°/ 62.9°	191
12	CSX60S200 PRO (LU.(69)	4	38560	1366	1.13	6.89e-08	26.0°/ 63.4°	219
13	CSX60S200 PRO (LU.(93)	4	23260	380	0.52	1.89e-07	206.0°/ 63.4°	250
14	CSX60S200 PRO (LU.(67)	2	35470	557	0.50	8.14e-08	27.6°/ 57.6°	219
15	CSX60S200 PRO (LL(126)	4	21570	302	0.45	2.20e-07	71.6°/ 62.9°	260
16	CSX60S300 PRO (LL(120)	4	21700	284	0.42	2.18e-07	188.2°/ 67.9°	261
17	CSX60S300 PRO (LU.(95)	4	17410	198	0.36	3.38e-07	183.8°/ 68.0°	250
18	CSX60S300 PRO (LL(119)	4	18450	206	0.36	3.01e-07	173.6°/ 67.1°	260
19	CSX60S200 PRO (LU.(94)	4	15190	162	0.34	4.44e-07	152.8°/ 65.9°	250
20	CSX60S200 PRO (LU.(85)	4	18760	197	0.34	2.91e-07	84.0°/ 63.4°	281

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(122)	310	12200	14690	38.53	6.88e-07	80.8°/ 56.2°	175
2	CSX60S100 PRO (sy..(66)	38	74660	86030	36.87	1.84e-08	354.9°/ 47.4°	156
3	CSX60S200 PRO (LL(108)	64	19400	18070	29.81	2.72e-07	17.6°/ 58.6°	114
4	CSX60S100 PRO (sy(106)	65	12310	7472	19.43	6.76e-07	29.2°/ 56.2°	114
5	CSX60S100 PRO (sy..(65)	63	14130	5047	11.43	5.13e-07	25.2°/ 50.4°	155
6	CSX60S100 PRO (sy(114)	30	34750	11440	10.53	8.48e-08	208.1°/ 52.7°	176
7	CSX60S100 PRO (sy..(89)	54	15290	4768	9.98	4.38e-07	205.2°/ 50.4°	160
8	CSX60S100 PRO (sy..(90)	65	11380	3197	8.99	7.91e-07	174.9°/ 47.4°	160
9	CSX60S100 PRO (sy..(81)	89	13410	3748	8.94	5.70e-07	86.8°/ 50.4°	204
10	CSX60S100 PRO (sy(121)	75	11370	3092	8.70	7.92e-07	115.5°/ 47.2°	175
11	CSX60S100 PRO (sy(113)	51	14480	3383	7.48	4.89e-07	174.5°/ 47.2°	175
12	CSX60S100 PRO (sy..(82)	70	13380	2942	7.04	5.72e-07	115.1°/ 47.4°	205
13	CSX60S200 PRO (LU.(94)	45	9596	1580	5.27	1.11e-06	152.8°/ 65.9°	160
14	CSX60S300 PRO (LU.(71)	13	26790	3719	4.44	1.43e-07	3.8°/ 68.0°	155
15	CSX60S200 PRO (LL(110)	11	10170	882	2.78	9.91e-07	38.4°/ 62.9°	114
16	CSX60S200 PRO (LL(116)	11	20970	1558	2.38	2.33e-07	197.6°/ 58.6°	176
17	CSX60S200 PRO (LU.(91)	8	15900	740	1.49	4.05e-07	208.6°/ 57.6°	160
18	CSX60S200 PRO (LU.(93)	5	14940	405	0.87	4.59e-07	206.0°/ 63.4°	160
19	CSX60S200 PRO (LU.(69)	4	13390	326	0.78	5.71e-07	26.0°/ 63.4°	155
20	CSX60S200 PRO (LL(117)	6	11420	268	0.75	7.86e-07	154.2°/ 64.7°	175

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	CSX60S100 PRO (sy(122)	104	12480	5189	13.30	6.57e-07	80.8°/ 56.2°	174
2	CSX60S100 PRO (sy(114)	23	48240	16790	11.14	4.40e-08	208.1°/ 52.7°	175
3	CSX60S100 PRO (sy(106)	31	13630	4391	10.31	5.52e-07	29.2°/ 56.2°	113
4	CSX60S100 PRO (sy..(81)	62	13690	2736	6.40	5.47e-07	86.8°/ 50.4°	204
5	CSX60S100 PRO (sy..(65)	32	14970	2899	6.20	4.57e-07	25.2°/ 50.4°	155
6	CSX60S100 PRO (sy..(89)	28	16280	2857	5.61	3.86e-07	205.2°/ 50.4°	159
7	CSX60S100 PRO (sy..(90)	30	11760	1598	4.35	7.40e-07	174.9°/ 47.4°	159
8	CSX60S100 PRO (sy(113)	26	15130	1923	4.07	4.47e-07	174.5°/ 47.2°	175
9	CSX60S100 PRO (sy(121)	29	11650	1267	3.48	7.54e-07	115.5°/ 47.2°	175
10	CSX60S100 PRO (sy..(82)	29	13670	1283	3.00	5.48e-07	115.1°/ 47.4°	204
11	CSX60S200 PRO (LL(108)	3	26510	1417	1.71	1.46e-07	17.6°/ 58.6°	113
12	CSX60S300 PRO (LU.(71)	4	30890	1635	1.69	1.07e-07	3.8°/ 68.0°	154
13	CSX60S200 PRO (LL(110)	4	10660	392	1.18	9.01e-07	38.4°/ 62.9°	113
14	CSX60S200 PRO (LU.(93)	4	15540	419	0.86	4.24e-07	206.0°/ 63.4°	159
15	CSX60S200 PRO (LU.(69)	4	13830	352	0.81	5.35e-07	26.0°/ 63.4°	155
16	CSX60S300 PRO (LL(120)	4	16930	383	0.72	3.57e-07	188.2°/ 67.9°	175
17	CSX60S200 PRO (LL(126)	4	13030	246	0.60	6.03e-07	71.6°/ 62.9°	174
18	CSX60S300 PRO (LU.(95)	4	11310	207	0.58	8.01e-07	183.8°/ 68.0°	159
19	CSX60S300 PRO (LL(119)	4	13490	244	0.58	5.63e-07	173.6°/ 67.1°	175
20	CSX60S200 PRO (LU.(94)	4	9691	163	0.54	1.09e-06	152.8°/ 65.9°	159

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy..(74)	804	30080	434500	2311.29	2.83e-06	295.1°/ 47.4°	26
2	CSX60S100 PRO (sy(106)	3950	23950	154300	1031.03	4.46e-06	29.2°/ 56.2°	76
3	CSX60S200 PRO (LU.(78)	368	28150	173100	983.98	3.23e-06	317.2°/ 65.9°	26
4	CSX60S100 PRO (sy(122)	3735	33170	142600	687.79	2.33e-06	80.8°/ 56.2°	106
5	CSX60S200 PRO (LU.(94)	2054	23800	73640	495.08	4.52e-06	152.8°/ 65.9°	79
6	CSX60S200 PRO (Ll(110)	952	22730	33670	236.97	4.95e-06	38.4°/ 62.9°	76
7	CSX60S100 PRO (sy..(90)	223	28220	11240	63.72	3.21e-06	174.9°/ 47.4°	79
8	CSX60S100 PRO (sy(105)	145	32060	10140	50.61	2.49e-06	354.5°/ 47.2°	76
9	CSX60S200 PRO (LU.(91)	106	43800	12770	46.64	1.33e-06	208.6°/ 57.6°	79
10	CSX60S200 PRO (Ll(107)	103	37220	9723	41.80	1.85e-06	343.9°/ 56.2°	76
11	CSX60S100 PRO (sy..(89)	93	40270	9444	37.52	1.58e-06	205.2°/ 50.4°	79
12	CSX60S200 PRO (Ll(109)	62	49730	10430	33.55	1.03e-06	334.2°/ 64.7°	76
13	CSX60S200 PRO (Ll(108)	107	25180	4634	29.44	4.04e-06	17.6°/ 58.6°	76
14	CSX60S100 PRO (sy..(65)	181	43960	8051	29.31	1.32e-06	25.2°/ 50.4°	130
15	CSX60S300 PRO (Ll(111)	76	31550	5155	26.14	2.57e-06	353.6°/ 67.1°	76
16	CSX60S300 PRO (Ll(112)	85	26550	4121	24.83	3.63e-06	8.2°/ 67.9°	75
17	CSX60S200 PRO (LU.(93)	58	41530	6293	24.25	1.48e-06	206.0°/ 63.4°	79
18	CSX60S300 PRO (LU.(95)	69	29090	3695	20.32	3.03e-06	183.8°/ 68.0°	79
19	CSX60S100 PRO (sy(121)	106	34270	4309	20.12	2.18e-06	115.5°/ 47.2°	106
20	CSX60S100 PRO (sy..(81)	144	47330	5624	19.01	1.14e-06	86.8°/ 50.4°	150

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(106)	349	24600	14930	97.12	4.23e-06	29.2°/ 56.2°	74
2	CSX60S100 PRO (sy(122)	281	33970	11470	54.03	2.22e-06	80.8°/ 56.2°	105
3	CSX60S100 PRO (sy..(89)	28	47000	4091	13.93	1.16e-06	205.2°/ 50.4°	77
4	CSX60S100 PRO (sy(105)	30	35500	2627	11.84	2.03e-06	354.5°/ 47.2°	74
5	CSX60S100 PRO (sy..(90)	36	29970	2121	11.32	2.85e-06	174.9°/ 47.4°	77
6	CSX60S100 PRO (sy..(65)	57	45400	2732	9.63	1.24e-06	25.2°/ 50.4°	129
7	CSX60S100 PRO (sy..(81)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149
8	CSX60S100 PRO (sy(113)	25	64920	3701	9.12	6.07e-07	174.5°/ 47.2°	106
9	CSX60S100 PRO (sy(121)	35	35510	1540	6.94	2.03e-06	115.5°/ 47.2°	105
10	CSX60S100 PRO (sy..(66)	25	61760	2255	5.84	6.71e-07	354.9°/ 47.4°	129
11	CSX60S100 PRO (sy..(82)	28	53120	1369	4.12	9.07e-07	115.1°/ 47.4°	149
12	CSX60S300 PRO (Ll(120)	4	143300	2977	3.32	1.25e-07	188.2°/ 67.9°	106
13	CSX60S200 PRO (Ll(109)	4	60000	1149	3.06	7.11e-07	334.2°/ 64.7°	74
14	CSX60S200 PRO (LU.(93)	4	45980	620	2.16	1.21e-06	206.0°/ 63.4°	77
15	CSX60S200 PRO (LU.(70)	4	113400	1355	1.91	1.99e-07	332.8°/ 65.9°	129
16	CSX60S300 PRO (Ll(111)	4	32810	321	1.56	2.38e-06	353.6°/ 67.1°	74
17	CSX60S300 PRO (Ll(119)	4	58160	493	1.36	7.57e-07	173.6°/ 67.1°	106
18	CSX60S300 PRO (LU.(95)	4	29720	242	1.30	2.90e-06	183.8°/ 68.0°	77
19	CSX60S300 PRO (Ll(112)	4	26990	218	1.29	3.51e-06	8.2°/ 67.9°	74
20	CSX60S200 PRO (Ll(110)	4	22990	169	1.18	4.84e-06	38.4°/ 62.9°	74

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(122)	2754	10010	103000	329.27	1.02e-06	80.8°/ 56.2°	162
2	CSX60S100 PRO (sy(106)	2161	9939	82710	266.30	1.04e-06	29.2°/ 56.2°	159
3	CSX60S100 PRO (sy..(90)	54	53140	120100	72.32	3.63e-08	174.9°/ 47.4°	112
4	CSX60S200 PRO (LU.(92)	69	29580	47070	50.92	1.17e-07	170.6°/ 56.8°	112
5	CSX60S200 PRO (Ll(115)	39	82470	96880	37.59	1.51e-08	163.9°/ 56.2°	163
6	CSX60S300 PRO (LU.(80)	13	57860	37440	20.70	3.06e-08	305.6°/ 66.8°	107
7	CSX60S100 PRO (sy(105)	55	12610	3389	8.60	6.44e-07	354.5°/ 47.2°	159
8	CSX60S100 PRO (sy(121)	58	12170	3214	8.45	6.91e-07	115.5°/ 47.2°	162
9	CSX60S100 PRO (sy..(65)	83	14130	3588	8.12	5.13e-07	25.2°/ 50.4°	213
10	CSX60S200 PRO (LU.(78)	20	14730	3712	8.07	4.72e-07	317.2°/ 65.9°	107
11	CSX60S100 PRO (sy..(81)	84	14120	3557	8.06	5.13e-07	86.8°/ 50.4°	215
12	CSX60S300 PRO (LU.(96)	15	18510	4106	7.10	2.99e-07	164.4°/ 66.8°	112
13	CSX60S200 PRO (LU.(94)	19	11690	1997	5.47	7.49e-07	152.8°/ 65.9°	112
14	CSX60S100 PRO (sy..(82)	47	16860	2825	5.36	3.60e-07	115.1°/ 47.4°	215
15	CSX60S100 PRO (sy..(66)	44	17560	2942	5.36	3.32e-07	354.9°/ 47.4°	213
16	CSX60S200 PRO (Ll(101)	5	41580	3157	2.43	5.92e-08	315.8°/ 64.7°	160
17	CSX60S200 PRO (Ll(117)	6	24350	1330	1.75	1.73e-07	154.2°/ 64.7°	163
18	CSX60S200 PRO (LU(109)	6	15820	624	1.26	4.09e-07	334.2°/ 64.7°	159
19	CSX60S200 PRO (LU(125)	6	14260	435	0.98	5.04e-07	135.8°/ 64.7°	162
20	CSX60S200 PRO (LU.(70)	5	23930	600	0.80	1.79e-07	332.8°/ 65.9°	213

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	CSX60S100 PRO (sy(122)	130	10250	5132	16.01	9.74e-07	80.8°/ 56.2°	161
2	CSX60S100 PRO (sy(106)	120	10190	4866	15.28	9.86e-07	29.2°/ 56.2°	158
3	CSX60S200 PRO (Ll(101)	4	96410	16110	5.35	1.10e-08	315.8°/ 64.7°	159
4	CSX60S100 PRO (sy..(81)	52	14500	2325	5.13	4.87e-07	86.8°/ 50.4°	214
5	CSX60S100 PRO (sy..(65)	50	14520	2263	4.99	4.86e-07	25.2°/ 50.4°	212
6	CSX60S100 PRO (sy(105)	25	13360	1755	4.20	5.74e-07	354.5°/ 47.2°	158
7	CSX60S100 PRO (sy(121)	23	12800	1438	3.60	6.25e-07	115.5°/ 47.2°	161
8	CSX60S100 PRO (sy..(82)	26	17580	1684	3.07	3.31e-07	115.1°/ 47.4°	215
9	CSX60S100 PRO (sy..(66)	23	18410	1716	2.98	3.02e-07	354.9°/ 47.4°	212
10	CSX60S300 PRO (LU.(96)	4	24290	1966	2.59	1.74e-07	164.4°/ 66.8°	111
11	CSX60S200 PRO (LU.(78)	4	17690	1230	2.23	3.27e-07	317.2°/ 65.9°	106
12	CSX60S200 PRO (Ll(117)	4	28190	1322	1.50	1.29e-07	154.2°/ 64.7°	163
13	CSX60S200 PRO (LU.(94)	4	12730	581	1.46	6.32e-07	152.8°/ 65.9°	111
14	CSX60S200 PRO (Ll(109)	4	16760	495	0.94	3.64e-07	334.2°/ 64.7°	158
15	CSX60S200 PRO (Ll(125)	4	14870	373	0.80	4.63e-07	135.8°/ 64.7°	161
16	CSX60S200 PRO (LU.(70)	4	25260	622	0.79	1.60e-07	332.8°/ 65.9°	212
17	CSX60S200 PRO (LU.(86)	4	22020	462	0.67	2.11e-07	137.2°/ 65.9°	215
18	CSX60S300 PRO (Ll(127)	4	12800	258	0.64	6.25e-07	126.4°/ 67.1°	161
19	CSX60S300 PRO (Ll(111)	4	12020	238	0.63	7.08e-07	353.6°/ 67.1°	158
20	CSX60S300 PRO (LU.(72)	4	19090	331	0.56	2.81e-07	344.4°/ 66.8°	212

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S300 PRO (LU.(96)	4	90830	26810	9.45	1.24e-08	164.4°/ 66.8°	112
2	CSX60S100 PRO (sy(122)	47	10770	2025	6.02	8.83e-07	80.8°/ 56.2°	162
3	CSX60S100 PRO (sy(106)	41	10730	1802	5.38	8.90e-07	29.2°/ 56.2°	159
4	CSX60S100 PRO (sy(105)	23	14770	1968	4.26	4.69e-07	354.5°/ 47.2°	159
5	CSX60S100 PRO (sy(121)	23	13950	1689	3.87	5.26e-07	115.5°/ 47.2°	162
6	CSX60S200 PRO (LU.(78)	4	28050	3007	3.43	1.30e-07	317.2°/ 65.9°	107
7	CSX60S100 PRO (sy..(66)	23	19840	1978	3.19	2.60e-07	354.9°/ 47.4°	213
8	CSX60S100 PRO (sy..(82)	23	18780	1735	2.96	2.90e-07	115.1°/ 47.4°	215
9	CSX60S100 PRO (sy..(81)	26	15140	1234	2.61	4.47e-07	86.8°/ 50.4°	215
10	CSX60S100 PRO (sy..(65)	23	15180	1159	2.44	4.44e-07	25.2°/ 50.4°	213
11	CSX60S200 PRO (Ll(117)	4	37660	2331	1.98	7.22e-08	154.2°/ 64.7°	163
12	CSX60S200 PRO (LU.(94)	4	15130	799	1.69	4.47e-07	152.8°/ 65.9°	112
13	CSX60S200 PRO (Ll(109)	4	18520	597	1.03	2.98e-07	334.2°/ 64.7°	159
14	CSX60S200 PRO (LU.(70)	4	27500	732	0.85	1.35e-07	332.8°/ 65.9°	213
15	CSX60S200 PRO (Ll(125)	4	16010	428	0.85	3.99e-07	135.8°/ 64.7°	162
16	CSX60S200 PRO (LU.(86)	4	23430	520	0.71	1.86e-07	137.2°/ 65.9°	215
17	CSX60S300 PRO (Ll(127)	4	13480	282	0.67	5.64e-07	126.4°/ 67.1°	162
18	CSX60S300 PRO (Ll(111)	4	12640	259	0.66	6.41e-07	353.6°/ 67.1°	159
19	CSX60S300 PRO (LU.(72)	4	20030	362	0.58	2.55e-07	344.4°/ 66.8°	213
20	CSX60S300 PRO (Ll(112)	4	10990	196	0.57	8.48e-07	8.2°/ 67.9°	159

Anlage 11: Lichtimmissionen in der Nachbarschaft für Spielbetrieb (Raumaufhellung und Blendung) mit nur dem Großspielfeld in Betrieb

Raumaufhellung (vertikale Beleuchtungsstärke)

Vertikale Beleuchtungsstärke

Messfläche	X	Y	Z	E	aus Richtung
E(p) IO 1 Jean-Monnet-Str. 25 E	2190 m	590 m	8.2 m	0.29 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	11.2 m	0.35 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	14.2 m	0.4 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	17.2 m	0.46 lx	53.00°
E(p) IO 1 Jean-Monnet-Str. 25 C	2190 m	590 m	20.2 m	0.52 lx	53.00°
E(p) IO 2 Jean-Monnet-Str. 31 E	2150 m	640 m	7.5 m	1.25 lx	45.00°
E(p) IO 2 Jean-Monnet-Str. 31 C	2150 m	640 m	19.5 m	1.84 lx	45.00°
E(p) IO 3 Jean-Monnet-Str. 35 E	2120 m	669 m	7.6 m	1.07 lx	38.00°
E(p) IO 3 Jean-Monnet-Str. 35 C	2120 m	669 m	19.6 m	1.85 lx	38.00°
E(p) IO 4 Jean-Monet-Str. 37 EC	2100 m	680 m	7.2 m	0.73 lx	39.00°
E(p) IO 4 Jean-Monet-Str. 37 OC	2100 m	680 m	22.2 m	1.6 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 E	2080 m	697 m	7.1 m	0.39 lx	39.00°
E(p) IO 5 Jean-Monnet-Str. 39 C	2080 m	697 m	22.1 m	0.94 lx	39.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	9.4 m	0.19 lx	125.00°
E(p) IO 6 Johanna-Kohlund-Str.	2030 m	728 m	15.4 m	0.29 lx	125.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	3.8 m	0.01 lx	105.00°
E(p) IO 7 Carl-von-Ossietzky-Str	1820 m	766 m	15.8 m	0.02 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	2.3 m	0.01 lx	105.00°
E(p) IO 8 Carl-von-Ossietzky-Str	1850 m	849 m	14.3 m	0.04 lx	105.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	2.3 m	0 lx	18.00°
E(p) IO 9 Carl-von-Ossietzky-Str	1840 m	854 m	14.3 m	0 lx	18.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	4.2 m	0.01 lx	122.00°
E(p) IO 10 Schwarzkehlchenweg	1820 m	866 m	10.2 m	0.02 lx	122.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	4.2 m	0 lx	34.00°
E(p) IO 11 Schwarzkehlchenweg	1820 m	868 m	10.2 m	0.01 lx	34.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	3.9 m	0 lx	35.00°
E(p) IO 12 Schwarzkehlchenweg	1800 m	886 m	9.9 m	0.01 lx	35.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	3.7 m	0 lx	37.00°
E(p) IO 13 Schwarzkehlchenweg	1750 m	919 m	9.7 m	0 lx	37.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	2.9 m	0 lx	35.00°
E(p) IO 14 Schwarzkehlchenweg	1700 m	953 m	8.9 m	0 lx	35.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	2.6 m	0 lx	34.00°
E(p) IO 15 Schwarzkehlchenweg	1660 m	980 m	8.6 m	0 lx	34.00°
E(p) IO 16 Dietenbach EG	1750 m	1200 m	1.7 m	0 lx	228.00°
E(p) IO 16 Dietenbach OG 4	1750 m	1200 m	13.7 m	0 lx	228.00°
E(p) IO 17 Dietenbach EG	1840 m	1130 m	1.7 m	0 lx	218.00°
E(p) IO 17 Dietenbach OG 2	1840 m	1130 m	7.7 m	0 lx	218.00°
E(p) IO 18 Dietenbach EG	1870 m	1070 m	2.4 m	0 lx	218.00°
E(p) IO 18 Dietenbach OG 2	1870 m	1070 m	8.4 m	0 lx	218.00°
E(p) IO 19 Dietenbach EG	1930 m	1030 m	3 m	0 lx	214.00°
E(p) IO 19 Dietenbach OG 3	1930 m	1030 m	12 m	0 lx	214.00°
E(p) IO 20 Dietenbach EG	2080 m	928 m	4.7 m	0.02 lx	214.00°
E(p) IO 20 Dietenbach OG 4	2080 m	928 m	16.7 m	0.06 lx	214.00°
E(p) IO 21 Dietenbach EG	2150 m	877 m	4.7 m	0.14 lx	214.00°
E(p) IO 21 Dietenbach OG 4	2150 m	877 m	16.7 m	0.38 lx	214.00°
E(p) IO 22 Dietenbach EG	2220 m	830 m	5.4 m	5.85 lx	214.00°
E(p) IO 22 Dietenbach OG 4	2220 m	830 m	17.4 m	4.02 lx	214.00°
E(p) IO 23 Dietenbach EG	2290 m	880 m	5.5 m	0.59 lx	214.00°
E(p) IO 23 Dietenbach OG 5	2290 m	880 m	20.5 m	0.89 lx	214.00°
E(p) IO 23 Dietenbach OG 11	2290 m	880 m	38.5 m	1.43 lx	214.00°

Blendung k_S

I(p) IO 1 Jean-Monnet-Str. 25 EG, limit(2193.32m / 589.71m / 8.20m)

1	CSX60S100 PRO (sy(333)	1829	11140	70140	201.55	8.26e-07	260.8°/ 56.2°	178
2	CSX60S100 PRO (sy..(98)	1821	11140	69850	200.67	8.25e-07	260.8°/ 56.2°	178
3	CSX60S100 PRO (sy(349)	140	10480	7099	21.69	9.33e-07	208.1°/ 52.7°	145
4	CSX60S100 PRO (sy(114)	139	10480	7078	21.62	9.33e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy..(66)	40	13780	3787	8.79	5.39e-07	354.9°/ 47.4°	139
6	CSX60S100 PRO (sy(301)	40	13800	3786	8.78	5.38e-07	354.9°/ 47.4°	139
7	CSX60S100 PRO (sy(348)	32	17160	4394	8.19	3.48e-07	174.5°/ 47.2°	146
8	CSX60S100 PRO (sy(113)	32	17190	4394	8.18	3.47e-07	174.5°/ 47.2°	145
9	CSX60S100 PRO (sy..(89)	65	14550	3426	7.54	4.84e-07	205.2°/ 50.4°	199
10	CSX60S100 PRO (sy(324)	65	14550	3418	7.52	4.84e-07	205.2°/ 50.4°	199
11	CSX60S100 PRO (sy(308)	81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
12	CSX60S100 PRO (sy..(73)	81	14370	3284	7.31	4.96e-07	264.8°/ 50.4°	224
13	CSX60S100 PRO (sy..(97)	61	12040	2740	7.28	7.06e-07	295.5°/ 47.2°	178
14	CSX60S100 PRO (sy(332)	61	12040	2739	7.28	7.06e-07	295.5°/ 47.2°	178
15	CSX60S200 PRO (LU(350)	18	26370	5817	7.06	1.47e-07	163.9°/ 56.2°	145
16	CSX60S200 PRO (LU(115)	17	26530	5581	6.73	1.46e-07	163.9°/ 56.2°	145
17	CSX60S100 PRO (sy(105)	26	25840	5325	6.59	1.53e-07	354.5°/ 47.2°	179
18	CSX60S100 PRO (sy(340)	26	25920	5332	6.58	1.52e-07	354.5°/ 47.2°	179
19	CSX60S100 PRO (sy..(90)	30	21820	3541	5.19	2.15e-07	174.9°/ 47.4°	199
20	CSX60S100 PRO (sy(325)	30	21800	3530	5.18	2.15e-07	174.9°/ 47.4°	199

I(p) IO 1 Jean-Monnet-Str. 25 OG 4, lir(2193.71m / 589.71m / 20.20m)

1	CSX60S100 PRO (sy(333)	134	11350	5361	15.11	7.95e-07	260.8°/ 56.2°	177
2	CSX60S100 PRO (sy..(98)	133	11350	5322	15.00	7.94e-07	260.8°/ 56.2°	177
3	CSX60S100 PRO (sy(349)	51	10850	2801	8.26	8.70e-07	208.1°/ 52.7°	145
4	CSX60S100 PRO (sy(114)	51	10850	2800	8.26	8.69e-07	208.1°/ 52.7°	145
5	CSX60S100 PRO (sy(113)	23	19550	4156	6.80	2.68e-07	174.5°/ 47.2°	145
6	CSX60S100 PRO (sy(348)	23	19500	4130	6.78	2.69e-07	174.5°/ 47.2°	145
7	CSX60S100 PRO (sy(340)	22	30620	6419	6.71	1.09e-07	354.5°/ 47.2°	178
8	CSX60S100 PRO (sy(105)	22	30480	6322	6.64	1.10e-07	354.5°/ 47.2°	178
9	CSX60S100 PRO (sy..(73)	58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
10	CSX60S100 PRO (sy(308)	58	14650	2422	5.29	4.77e-07	264.8°/ 50.4°	223
11	CSX60S100 PRO (sy(301)	22	15080	2480	5.26	4.51e-07	354.9°/ 47.4°	139
12	CSX60S100 PRO (sy..(66)	22	15050	2473	5.26	4.52e-07	354.9°/ 47.4°	139
13	CSX60S100 PRO (sy(324)	38	14980	2126	4.54	4.56e-07	205.2°/ 50.4°	198
14	CSX60S100 PRO (sy..(89)	38	14980	2124	4.54	4.56e-07	205.2°/ 50.4°	198
15	CSX60S100 PRO (sy..(90)	23	23570	3225	4.38	1.84e-07	174.9°/ 47.4°	198
16	CSX60S100 PRO (sy(325)	23	23540	3215	4.37	1.85e-07	174.9°/ 47.4°	199
17	CSX60S100 PRO (sy..(97)	24	12390	1119	2.89	6.67e-07	295.5°/ 47.2°	178
18	CSX60S100 PRO (sy(332)	23	12390	1116	2.88	6.67e-07	295.5°/ 47.2°	178
19	CSX60S100 PRO (sy(309)	24	16150	1244	2.46	3.93e-07	295.1°/ 47.4°	224
20	CSX60S100 PRO (sy..(74)	24	16140	1241	2.46	3.93e-07	295.1°/ 47.4°	224

I(p) IO 2 Jean-Monnet-Str. 31 EG, limi(2151.80m / 640.00m / 7.50m)

1	CSX60S100 PRO (sy..(98)	3235	8049	119400	474.67	1.58e-06	260.8°/ 56.2°	131
2	CSX60S100 PRO (sy(333)	3232	8054	119300	474.02	1.58e-06	260.8°/ 56.2°	131
3	CSX60S100 PRO (sy..(82)	87	76620	889900	371.67	1.74e-08	115.1°/ 47.4°	75
4	CSX60S100 PRO (sy(317)	86	66720	664800	318.86	2.30e-08	115.1°/ 47.4°	75
5	CSX60S200 PRO (LU.(84)	110	27520	145800	169.53	1.35e-07	119.4°/ 56.8°	75
6	CSX60S200 PRO (LU(319)	109	26890	137500	163.62	1.42e-07	119.4°/ 56.8°	75
7	CSX60S100 PRO (sy(114)	907	7983	35660	142.95	1.61e-06	208.1°/ 52.7°	126
8	CSX60S100 PRO (sy(349)	907	7993	35650	142.72	1.60e-06	208.1°/ 52.7°	126
9	CSX60S300 PRO (LU.(88)	69	14620	25780	56.43	4.79e-07	125.6°/ 66.8°	75
10	CSX60S300 PRO (LU(323)	68	14530	24920	54.88	4.85e-07	125.6°/ 66.8°	75
11	CSX60S300 PRO (LU.(71)	19	49020	65170	42.54	4.26e-08	3.8°/ 68.0°	84
12	CSX60S200 PRO (LU(303)	72	10450	11110	34.03	9.38e-07	350.6°/ 56.8°	83
13	CSX60S200 PRO (LU.(68)	72	10390	10970	33.80	9.49e-07	350.6°/ 56.8°	83
14	CSX60S100 PRO (sy(301)	47	11860	9351	25.23	7.28e-07	354.9°/ 47.4°	83
15	CSX60S100 PRO (sy..(66)	47	11780	9242	25.11	7.38e-07	354.9°/ 47.4°	83
16	CSX60S300 PRO (LU(306)	13	43240	33760	24.98	5.48e-08	3.8°/ 68.0°	84
17	CSX60S200 PRO (LU.(86)	39	8278	4669	18.05	1.49e-06	137.2°/ 65.9°	75
18	CSX60S200 PRO (LU(321)	38	8278	4552	17.60	1.49e-06	137.2°/ 65.9°	75
19	CSX60S100 PRO (sy(113)	61	9788	3621	11.84	1.07e-06	174.5°/ 47.2°	126
20	CSX60S100 PRO (sy(348)	61	9797	3615	11.81	1.07e-06	174.5°/ 47.2°	126

I(p) IO 2 Jean-Monnet-Str. 31 OG 4, lir(2151.80m / 640.00m / 19.50m)

1	CSX60S100 PRO (sy..(98)	194	8232	7544	29.33	1.51e-06	260.8°/ 56.2°	130
2	CSX60S100 PRO (sy(333)	193	8236	7522	29.22	1.51e-06	260.8°/ 56.2°	130
3	CSX60S100 PRO (sy(301)	21	18310	10190	17.81	3.06e-07	354.9°/ 47.4°	82
4	CSX60S100 PRO (sy..(66)	21	18010	9866	17.53	3.16e-07	354.9°/ 47.4°	82
5	CSX60S100 PRO (sy(114)	74	8211	3090	12.04	1.52e-06	208.1°/ 52.7°	125
6	CSX60S100 PRO (sy(349)	74	8222	3089	12.02	1.51e-06	208.1°/ 52.7°	125
7	CSX60S300 PRO (LU.(88)	4	27510	5733	6.67	1.35e-07	125.6°/ 66.8°	73
8	CSX60S100 PRO (sy..(73)	58	12170	2489	6.55	6.92e-07	264.8°/ 50.4°	183
9	CSX60S100 PRO (sy(308)	58	12170	2492	6.55	6.91e-07	264.8°/ 50.4°	183
10	CSX60S100 PRO (sy..(89)	54	12170	2460	6.47	6.91e-07	205.2°/ 50.4°	179
11	CSX60S100 PRO (sy(324)	55	12180	2463	6.47	6.90e-07	205.2°/ 50.4°	179
12	CSX60S300 PRO (LU(323)	4	26620	5340	6.42	1.44e-07	125.6°/ 66.8°	74
13	CSX60S100 PRO (sy(348)	26	10340	1736	5.37	9.57e-07	174.5°/ 47.2°	125
14	CSX60S100 PRO (sy(113)	26	10340	1736	5.37	9.58e-07	174.5°/ 47.2°	125
15	CSX60S100 PRO (sy..(97)	24	9927	1344	4.33	1.04e-06	295.5°/ 47.2°	131
16	CSX60S100 PRO (sy(332)	24	9939	1336	4.30	1.04e-06	295.5°/ 47.2°	131
17	CSX60S100 PRO (sy..(90)	23	15330	1675	3.50	4.36e-07	174.9°/ 47.4°	179
18	CSX60S100 PRO (sy(325)	23	15330	1677	3.50	4.36e-07	174.9°/ 47.4°	179
19	CSX60S200 PRO (LU(125)	4	36700	3709	3.23	7.60e-08	135.8°/ 64.7°	126
20	CSX60S100 PRO (sy..(74)	23	14550	1444	3.18	4.84e-07	295.1°/ 47.4°	183

I(p) IO 3 Jean-Monnet-Str. 35 EG, limi(2117.80m / 669.00m / 7.60m)

1	CSX60S100 PRO (sy..(98)	1749	7527	69760	296.59	1.81e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(333)	1728	7538	68970	292.77	1.80e-06	260.8°/ 56.2°	118
3	CSX60S100 PRO (sy(114)	534	8643	20460	75.76	1.37e-06	208.1°/ 52.7°	138
4	CSX60S100 PRO (sy(349)	532	8657	20380	75.33	1.37e-06	208.1°/ 52.7°	138
5	CSX60S200 PRO (LU.(70)	18	37130	57390	49.46	7.43e-08	332.8°/ 65.9°	65
6	CSX60S200 PRO (LU(305)	11	32590	26130	25.66	9.64e-08	332.8°/ 65.9°	65
7	CSX60S100 PRO (sy..(82)	51	9970	5328	17.10	1.03e-06	115.1°/ 47.4°	97
8	CSX60S100 PRO (sy(317)	51	9995	5314	17.01	1.03e-06	115.1°/ 47.4°	97
9	CSX60S100 PRO (sy(121)	32	29710	14080	15.16	1.16e-07	115.5°/ 47.2°	139
10	CSX60S100 PRO (sy(356)	32	29670	13950	15.04	1.16e-07	115.5°/ 47.2°	139
11	CSX60S100 PRO (sy(332)	60	10160	4304	13.55	9.92e-07	295.5°/ 47.2°	118
12	CSX60S100 PRO (sy..(97)	60	10140	4291	13.55	9.97e-07	295.5°/ 47.2°	118
13	CSX60S100 PRO (sy..(73)	84	11690	3779	10.34	7.49e-07	264.8°/ 50.4°	172
14	CSX60S100 PRO (sy(308)	84	11710	3777	10.32	7.47e-07	264.8°/ 50.4°	173
15	CSX60S100 PRO (sy(348)	64	9547	2994	10.04	1.12e-06	174.5°/ 47.2°	138
16	CSX60S100 PRO (sy(113)	64	9532	2990	10.04	1.13e-06	174.5°/ 47.2°	138
17	CSX60S100 PRO (sy..(89)	89	11990	3584	9.56	7.12e-07	205.2°/ 50.4°	187
18	CSX60S100 PRO (sy(324)	89	12010	3579	9.54	7.10e-07	205.2°/ 50.4°	187
19	CSX60S300 PRO (LU.(87)	17	12870	3010	7.48	6.18e-07	106.2°/ 68.0°	96
20	CSX60S300 PRO (LU(322)	17	12900	2946	7.31	6.16e-07	106.2°/ 68.0°	97

I(p) IO 3 Jean-Monnet-Str. 35 OG 4, lir(2117.80m / 669.00m / 19.60m)

1	CSX60S100 PRO (sy(121)	23	66740	52330	25.09	2.30e-08	115.5°/ 47.2°	138
2	CSX60S100 PRO (sy(356)	23	65610	50540	24.65	2.38e-08	115.5°/ 47.2°	139
3	CSX60S100 PRO (sy..(98)	124	7733	5284	21.87	1.71e-06	260.8°/ 56.2°	117
4	CSX60S100 PRO (sy(333)	124	7745	5275	21.79	1.71e-06	260.8°/ 56.2°	117
5	CSX60S100 PRO (sy(114)	77	8866	3130	11.30	1.30e-06	208.1°/ 52.7°	137
6	CSX60S100 PRO (sy(349)	77	8881	3129	11.27	1.30e-06	208.1°/ 52.7°	138
7	CSX60S100 PRO (sy..(82)	23	11510	3306	9.19	7.73e-07	115.1°/ 47.4°	96
8	CSX60S100 PRO (sy(317)	23	11530	3303	9.16	7.70e-07	115.1°/ 47.4°	96
9	CSX60S100 PRO (sy(324)	59	12280	2498	6.51	6.79e-07	205.2°/ 50.4°	186
10	CSX60S100 PRO (sy..(89)	59	12270	2495	6.51	6.81e-07	205.2°/ 50.4°	186
11	CSX60S100 PRO (sy..(73)	48	12020	2268	6.04	7.09e-07	264.8°/ 50.4°	172
12	CSX60S100 PRO (sy(308)	47	12030	2263	6.02	7.07e-07	264.8°/ 50.4°	172
13	CSX60S100 PRO (sy(332)	24	10940	1998	5.84	8.55e-07	295.5°/ 47.2°	118
14	CSX60S100 PRO (sy..(97)	24	10910	1985	5.82	8.60e-07	295.5°/ 47.2°	117
15	CSX60S100 PRO (sy(113)	25	9899	1251	4.04	1.05e-06	174.5°/ 47.2°	137
16	CSX60S100 PRO (sy(348)	25	9913	1248	4.03	1.04e-06	174.5°/ 47.2°	138
17	CSX60S100 PRO (sy(309)	23	16040	1978	3.95	3.98e-07	295.1°/ 47.4°	172
18	CSX60S100 PRO (sy..(74)	23	16010	1974	3.94	3.99e-07	295.1°/ 47.4°	172
19	CSX60S100 PRO (sy(325)	24	14120	1369	3.10	5.14e-07	174.9°/ 47.4°	186
20	CSX60S100 PRO (sy..(90)	24	14110	1366	3.10	5.14e-07	174.9°/ 47.4°	186

I(p) IO 4 Jean-Monnet-Str. 37 EG, limi(2103.00m / 679.50m / 7.20m)

1	CSX60S100 PRO (sy..(98)	826	7876	35570	144.52	1.65e-06	260.8°/ 56.2°	119
2	CSX60S100 PRO (sy(333)	818	7891	35240	142.90	1.64e-06	260.8°/ 56.2°	119
3	CSX60S100 PRO (sy(114)	445	9331	17300	59.33	1.18e-06	208.1°/ 52.7°	148
4	CSX60S100 PRO (sy(349)	444	9347	17240	59.02	1.17e-06	208.1°/ 52.7°	148
5	CSX60S100 PRO (sy..(81)	45	46380	77570	53.52	4.76e-08	86.8°/ 50.4°	111
6	CSX60S100 PRO (sy(316)	45	46660	77990	53.49	4.70e-08	86.8°/ 50.4°	111
7	CSX60S100 PRO (sy..(82)	56	10330	4802	14.87	9.59e-07	115.1°/ 47.4°	110
8	CSX60S100 PRO (sy(317)	56	10360	4792	14.80	9.54e-07	115.1°/ 47.4°	111
9	CSX60S100 PRO (sy..(97)	48	11550	4441	12.31	7.68e-07	295.5°/ 47.2°	119
10	CSX60S100 PRO (sy(332)	48	11580	4435	12.25	7.63e-07	295.5°/ 47.2°	119
11	CSX60S100 PRO (sy..(73)	81	12070	3832	10.16	7.02e-07	264.8°/ 50.4°	173
12	CSX60S100 PRO (sy(308)	80	12090	3825	10.12	7.01e-07	264.8°/ 50.4°	173
13	CSX60S100 PRO (sy(113)	68	9983	3010	9.65	1.03e-06	174.5°/ 47.2°	148
14	CSX60S100 PRO (sy(348)	68	9998	3006	9.62	1.02e-06	174.5°/ 47.2°	148
15	CSX60S100 PRO (sy(121)	29	22330	6460	9.26	2.05e-07	115.5°/ 47.2°	149
16	CSX60S100 PRO (sy(356)	29	22350	6450	9.24	2.05e-07	115.5°/ 47.2°	149
17	CSX60S100 PRO (sy..(89)	89	12420	3545	9.13	6.64e-07	205.2°/ 50.4°	194
18	CSX60S100 PRO (sy(324)	89	12430	3544	9.12	6.62e-07	205.2°/ 50.4°	194
19	CSX60S100 PRO (sy..(74)	38	16550	3420	6.61	3.74e-07	295.1°/ 47.4°	173
20	CSX60S100 PRO (sy(309)	38	16590	3416	6.59	3.72e-07	295.1°/ 47.4°	173

I(p) IO 4 Jean-Monnet-Str. 37 OG 5, lir(2103.00m / 679.50m / 22.20m)

1	CSX60S100 PRO (sy..(98)	76	8194	3587	14.01	1.53e-06	260.8°/ 56.2°	118
2	CSX60S100 PRO (sy(333)	76	8210	3587	13.98	1.52e-06	260.8°/ 56.2°	118
3	CSX60S100 PRO (sy(114)	70	9636	2933	9.74	1.10e-06	208.1°/ 52.7°	147
4	CSX60S100 PRO (sy(349)	70	9652	2932	9.72	1.10e-06	208.1°/ 52.7°	148
5	CSX60S100 PRO (sy(121)	21	30280	8563	9.05	1.12e-07	115.5°/ 47.2°	148
6	CSX60S100 PRO (sy(356)	21	30250	8520	9.01	1.12e-07	115.5°/ 47.2°	149
7	CSX60S100 PRO (sy..(82)	21	11740	2355	6.42	7.43e-07	115.1°/ 47.4°	110
8	CSX60S100 PRO (sy(317)	21	11760	2355	6.41	7.40e-07	115.1°/ 47.4°	110
9	CSX60S100 PRO (sy(332)	21	13190	2556	6.20	5.88e-07	295.5°/ 47.2°	118
10	CSX60S100 PRO (sy..(97)	21	13150	2546	6.20	5.92e-07	295.5°/ 47.2°	118
11	CSX60S100 PRO (sy..(89)	51	12770	2158	5.41	6.28e-07	205.2°/ 50.4°	194
12	CSX60S100 PRO (sy(324)	51	12780	2156	5.40	6.27e-07	205.2°/ 50.4°	194
13	CSX60S100 PRO (sy(308)	36	12560	1863	4.75	6.50e-07	264.8°/ 50.4°	173
14	CSX60S100 PRO (sy..(73)	36	12540	1854	4.73	6.51e-07	264.8°/ 50.4°	172
15	CSX60S200 PRO (LL(336)	4	45990	6624	4.61	4.84e-08	315.8°/ 64.7°	118
16	CSX60S200 PRO (LL(101)	4	44530	6228	4.48	5.16e-08	315.8°/ 64.7°	118
17	CSX60S100 PRO (sy..(74)	23	17990	2440	4.34	3.16e-07	295.1°/ 47.4°	173
18	CSX60S100 PRO (sy(309)	23	18030	2435	4.32	3.15e-07	295.1°/ 47.4°	173
19	CSX60S100 PRO (sy(348)	25	10440	1210	3.71	9.39e-07	174.5°/ 47.2°	148
20	CSX60S100 PRO (sy(113)	25	10430	1209	3.71	9.42e-07	174.5°/ 47.2°	147

I(p) IO 5 Jean-Monnet-Str. 39 EG, limi(2077.50m / 697.00m / 7.10m)

1	CSX60S200 PRO (LL(334)	49	48700	69780	45.85	4.32e-08	306.1°/ 56.2°	127
2	CSX60S200 PRO (LU.(99)	48	47580	65830	44.28	4.52e-08	306.1°/ 56.2°	127
3	CSX60S100 PRO (sy..(98)	242	9266	12670	43.75	1.19e-06	260.8°/ 56.2°	127
4	CSX60S100 PRO (sy(333)	241	9287	12630	43.52	1.19e-06	260.8°/ 56.2°	127
5	CSX60S200 PRO (LL(318)	41	54480	63660	37.39	3.45e-08	81.4°/ 57.6°	137
6	CSX60S200 PRO (LU.(83)	41	54040	62870	37.23	3.51e-08	81.4°/ 57.6°	137
7	CSX60S100 PRO (sy(114)	232	10840	9402	27.75	8.71e-07	208.1°/ 52.7°	168
8	CSX60S100 PRO (sy(349)	231	10860	9363	27.59	8.69e-07	208.1°/ 52.7°	169
9	CSX60S100 PRO (sy..(81)	31	24210	9532	12.60	1.75e-07	86.8°/ 50.4°	137
10	CSX60S100 PRO (sy(316)	31	24280	9550	12.59	1.74e-07	86.8°/ 50.4°	137
11	CSX60S100 PRO (sy..(97)	31	17430	5727	10.51	3.37e-07	295.5°/ 47.2°	127
12	CSX60S100 PRO (sy(332)	31	17500	5714	10.45	3.34e-07	295.5°/ 47.2°	127
13	CSX60S100 PRO (sy..(82)	53	11740	3822	10.42	7.44e-07	115.1°/ 47.4°	137
14	CSX60S100 PRO (sy(317)	53	11760	3816	10.38	7.40e-07	115.1°/ 47.4°	137
15	CSX60S100 PRO (sy..(73)	72	13330	3923	9.42	5.76e-07	264.8°/ 50.4°	178
16	CSX60S100 PRO (sy(308)	72	13350	3919	9.40	5.75e-07	264.8°/ 50.4°	179
17	CSX60S100 PRO (sy(113)	66	11130	2835	8.15	8.26e-07	174.5°/ 47.2°	168
18	CSX60S100 PRO (sy(348)	66	11150	2833	8.13	8.24e-07	174.5°/ 47.2°	169
19	CSX60S100 PRO (sy..(89)	83	13470	3350	7.96	5.64e-07	205.2°/ 50.4°	210
20	CSX60S100 PRO (sy(324)	83	13490	3349	7.94	5.63e-07	205.2°/ 50.4°	210

I(p) IO 5 Jean-Monnet-Str. 39 OG 5, lir(2077.50m / 697.00m / 22.10m)

1	CSX60S200 PRO (LL(320)	4	220500	115200	16.72	2.11e-09	84.0°/ 63.4°	136
2	CSX60S100 PRO (sy(316)	23	41230	20690	16.06	6.02e-08	86.8°/ 50.4°	136
3	CSX60S100 PRO (sy..(81)	23	41070	20590	16.04	6.07e-08	86.8°/ 50.4°	136
4	CSX60S200 PRO (LU.(85)	4	206400	101200	15.69	2.40e-09	84.0°/ 63.4°	136
5	CSX60S100 PRO (sy..(98)	56	9720	3262	10.74	1.08e-06	260.8°/ 56.2°	126
6	CSX60S100 PRO (sy(333)	56	9742	3265	10.73	1.08e-06	260.8°/ 56.2°	126
7	CSX60S100 PRO (sy..(97)	22	23430	7511	10.26	1.87e-07	295.5°/ 47.2°	126
8	CSX60S100 PRO (sy(332)	22	23560	7535	10.23	1.84e-07	295.5°/ 47.2°	126
9	CSX60S100 PRO (sy(114)	68	11170	2923	8.37	8.20e-07	208.1°/ 52.7°	168
10	CSX60S100 PRO (sy(349)	68	11190	2922	8.36	8.18e-07	208.1°/ 52.7°	168
11	CSX60S100 PRO (sy(121)	23	22500	4062	5.78	2.02e-07	115.5°/ 47.2°	169
12	CSX60S100 PRO (sy(356)	23	22520	4058	5.77	2.02e-07	115.5°/ 47.2°	169
13	CSX60S100 PRO (sy(309)	23	23820	4074	5.47	1.80e-07	295.1°/ 47.4°	178
14	CSX60S100 PRO (sy..(74)	23	23760	4060	5.47	1.81e-07	295.1°/ 47.4°	178
15	CSX60S100 PRO (sy(324)	53	13840	2244	5.19	5.34e-07	205.2°/ 50.4°	210
16	CSX60S100 PRO (sy..(89)	53	13830	2241	5.19	5.35e-07	205.2°/ 50.4°	210
17	CSX60S100 PRO (sy..(82)	23	12750	2006	5.04	6.30e-07	115.1°/ 47.4°	136
18	CSX60S100 PRO (sy(317)	23	12770	2006	5.03	6.28e-07	115.1°/ 47.4°	136
19	CSX60S100 PRO (sy..(73)	30	13910	1760	4.05	5.29e-07	264.8°/ 50.4°	178
20	CSX60S100 PRO (sy(308)	29	13930	1759	4.04	5.28e-07	264.8°/ 50.4°	178

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 9.40m)²

1	CSX60S100 PRO (sy(309)	26	61200	23600	12.34	2.73e-08	295.1°/ 47.4°	200
2	CSX60S100 PRO (sy..(74)	26	60760	23340	12.29	2.77e-08	295.1°/ 47.4°	200
3	CSX60S100 PRO (sy..(98)	61	14640	5329	11.65	4.78e-07	260.8°/ 56.2°	155
4	CSX60S100 PRO (sy(333)	61	14670	5322	11.61	4.76e-07	260.8°/ 56.2°	155
5	CSX60S100 PRO (sy(114)	97	14210	4308	9.70	5.07e-07	208.1°/ 52.7°	210
6	CSX60S100 PRO (sy(349)	97	14230	4305	9.68	5.06e-07	208.1°/ 52.7°	211
7	CSX60S100 PRO (sy..(81)	28	24750	4804	6.21	1.67e-07	86.8°/ 50.4°	186
8	CSX60S100 PRO (sy(316)	28	24800	4808	6.20	1.67e-07	86.8°/ 50.4°	187
9	CSX60S100 PRO (sy..(89)	73	16070	3074	6.12	3.97e-07	205.2°/ 50.4°	245
10	CSX60S100 PRO (sy(324)	73	16080	3074	6.12	3.96e-07	205.2°/ 50.4°	245
11	CSX60S100 PRO (sy..(73)	43	17710	3276	5.92	3.27e-07	264.8°/ 50.4°	199
12	CSX60S100 PRO (sy(308)	43	17730	3275	5.91	3.26e-07	264.8°/ 50.4°	200
13	CSX60S100 PRO (sy..(82)	42	15050	2694	5.73	4.52e-07	115.1°/ 47.4°	186
14	CSX60S100 PRO (sy(317)	42	15070	2691	5.71	4.51e-07	115.1°/ 47.4°	187
15	CSX60S100 PRO (sy(113)	55	13850	2328	5.38	5.33e-07	174.5°/ 47.2°	210
16	CSX60S100 PRO (sy(348)	55	13870	2326	5.37	5.32e-07	174.5°/ 47.2°	211
17	CSX60S100 PRO (sy(121)	32	20440	2968	4.65	2.45e-07	115.5°/ 47.2°	211
18	CSX60S100 PRO (sy(356)	32	20460	2967	4.64	2.45e-07	115.5°/ 47.2°	211
19	CSX60S100 PRO (sy..(90)	50	16410	2198	4.29	3.80e-07	174.9°/ 47.4°	245
20	CSX60S100 PRO (sy(325)	50	16430	2197	4.28	3.79e-07	174.9°/ 47.4°	245

I(p) IO 6 Johanna-Kohlund-Str. 5 OG (2032.66m / 728.18m / 15.40m)

1	CSX60S100 PRO (sy(309)	23	93510	49610	16.98	1.17e-08	295.1°/ 47.4°	200
2	CSX60S100 PRO (sy..(74)	23	92170	48390	16.80	1.21e-08	295.1°/ 47.4°	199
3	CSX60S100 PRO (sy..(98)	41	15040	3787	8.06	4.53e-07	260.8°/ 56.2°	155
4	CSX60S100 PRO (sy(333)	41	15070	3788	8.04	4.51e-07	260.8°/ 56.2°	155
5	CSX60S100 PRO (sy(114)	74	14360	3350	7.46	4.96e-07	208.1°/ 52.7°	210
6	CSX60S100 PRO (sy(349)	73	14380	3349	7.45	4.95e-07	208.1°/ 52.7°	210
7	CSX60S100 PRO (sy..(81)	25	26160	4823	5.90	1.50e-07	86.8°/ 50.4°	186
8	CSX60S100 PRO (sy(316)	25	26210	4825	5.89	1.49e-07	86.8°/ 50.4°	186
9	CSX60S100 PRO (sy..(89)	65	16210	2783	5.49	3.90e-07	205.2°/ 50.4°	245
10	CSX60S100 PRO (sy(324)	65	16230	2782	5.49	3.89e-07	205.2°/ 50.4°	245
11	CSX60S100 PRO (sy..(73)	34	18090	2721	4.81	3.13e-07	264.8°/ 50.4°	199
12	CSX60S100 PRO (sy(308)	34	18120	2719	4.80	3.12e-07	264.8°/ 50.4°	199
13	CSX60S100 PRO (sy(317)	29	15370	1915	3.99	4.33e-07	115.1°/ 47.4°	186
14	CSX60S100 PRO (sy..(82)	29	15350	1916	3.99	4.35e-07	115.1°/ 47.4°	186
15	CSX60S100 PRO (sy(121)	25	20980	2405	3.67	2.33e-07	115.5°/ 47.2°	211
16	CSX60S100 PRO (sy(356)	25	21010	2405	3.66	2.32e-07	115.5°/ 47.2°	211
17	CSX60S100 PRO (sy(348)	31	14030	1362	3.11	5.20e-07	174.5°/ 47.2°	210
18	CSX60S100 PRO (sy(113)	31	14010	1363	3.11	5.22e-07	174.5°/ 47.2°	210
19	CSX60S100 PRO (sy..(90)	31	16580	1403	2.71	3.72e-07	174.9°/ 47.4°	245
20	CSX60S100 PRO (sy(325)	31	16600	1402	2.70	3.72e-07	174.9°/ 47.4°	245

I(p) IO 7 Carl-von-Ossietzky-Str. 5 EG (1819.83m / 765.80m / 3.80m)

1	CSX60S100 PRO (sy..(98)	26	52180	5315	3.26	3.76e-08	260.8°/ 56.2°	363
2	CSX60S100 PRO (sy(333)	26	52220	5316	3.26	3.76e-08	260.8°/ 56.2°	363
3	CSX60S100 PRO (sy(324)	67	30780	3021	3.14	1.08e-07	205.2°/ 50.4°	454
4	CSX60S100 PRO (sy..(89)	67	30760	3021	3.14	1.08e-07	205.2°/ 50.4°	454
5	CSX60S100 PRO (sy..(73)	26	53040	4565	2.75	3.64e-08	264.8°/ 50.4°	396
6	CSX60S100 PRO (sy(308)	26	53080	4567	2.75	3.63e-08	264.8°/ 50.4°	397
7	CSX60S100 PRO (sy(325)	44	30110	1896	2.02	1.13e-07	174.9°/ 47.4°	454
8	CSX60S100 PRO (sy..(90)	44	30090	1897	2.02	1.13e-07	174.9°/ 47.4°	454
9	CSX60S200 PRO (LU.(77)	4	49260	677	0.44	4.22e-08	264.0°/ 63.4°	397
10	CSX60S200 PRO (LL(312)	4	49300	678	0.44	4.21e-08	264.0°/ 63.4°	397
11	CSX60S200 PRO (LL(102)	4	38010	481	0.41	7.09e-08	251.6°/ 62.9°	363
12	CSX60S200 PRO (LL(337)	4	38040	481	0.40	7.08e-08	251.6°/ 62.9°	363
13	CSX60S200 PRO (LL(329)	4	28880	178	0.20	1.23e-07	152.8°/ 65.9°	454
14	CSX60S200 PRO (LL(328)	4	28840	177	0.20	1.23e-07	206.0°/ 63.4°	454
15	CSX60S200 PRO (LL(310)	2	46210	287	0.20	4.80e-08	261.4°/ 57.6°	397
16	CSX60S200 PRO (LU.(93)	4	28830	177	0.20	1.23e-07	206.0°/ 63.4°	454
17	CSX60S200 PRO (LU.(94)	4	28860	178	0.20	1.23e-07	152.8°/ 65.9°	454
18	CSX60S200 PRO (LU.(75)	2	46170	287	0.20	4.80e-08	261.4°/ 57.6°	397
19	CSX60S300 PRO (LU.(96)	4	27620	152	0.18	1.34e-07	164.4°/ 66.8°	454
20	CSX60S300 PRO (LL(331)	4	27640	152	0.18	1.34e-07	164.4°/ 66.8°	454

I(p) IO 7 Carl-von-Ossietzky-Str. 5 OG (1819.83m / 765.80m / 15.80m)

1	CSX60S100 PRO (sy..(98)	24	55370	5529	3.20	3.34e-08	260.8°/ 56.2°	363
2	CSX60S100 PRO (sy(333)	24	55410	5530	3.19	3.34e-08	260.8°/ 56.2°	363
3	CSX60S100 PRO (sy(114)	61	29920	2975	3.18	1.14e-07	208.1°/ 52.7°	425
4	CSX60S100 PRO (sy(349)	61	29940	2975	3.18	1.14e-07	208.1°/ 52.7°	425
5	CSX60S100 PRO (sy(316)	22	65190	5564	2.73	2.41e-08	86.8°/ 50.4°	402
6	CSX60S100 PRO (sy..(81)	22	65120	5564	2.73	2.41e-08	86.8°/ 50.4°	402
7	CSX60S100 PRO (sy..(89)	57	31090	2594	2.67	1.06e-07	205.2°/ 50.4°	454
8	CSX60S100 PRO (sy(324)	57	31110	2594	2.67	1.06e-07	205.2°/ 50.4°	454
9	CSX60S100 PRO (sy..(73)	23	55960	4538	2.60	3.27e-08	264.8°/ 50.4°	396
10	CSX60S100 PRO (sy(308)	23	56000	4540	2.59	3.26e-08	264.8°/ 50.4°	396
11	CSX60S100 PRO (sy(356)	24	39700	2035	1.64	6.50e-08	115.5°/ 47.2°	426
12	CSX60S100 PRO (sy(121)	24	39680	2035	1.64	6.51e-08	115.5°/ 47.2°	426
13	CSX60S100 PRO (sy..(82)	24	34410	1717	1.60	8.65e-08	115.1°/ 47.4°	402
14	CSX60S100 PRO (sy(317)	24	34430	1718	1.60	8.64e-08	115.1°/ 47.4°	402
15	CSX60S100 PRO (sy(113)	25	28440	1113	1.25	1.27e-07	174.5°/ 47.2°	425
16	CSX60S100 PRO (sy(348)	25	28460	1113	1.25	1.26e-07	174.5°/ 47.2°	425
17	CSX60S100 PRO (sy..(90)	27	30430	1175	1.24	1.11e-07	174.9°/ 47.4°	454
18	CSX60S100 PRO (sy(325)	27	30440	1175	1.24	1.10e-07	174.9°/ 47.4°	454
19	CSX60S200 PRO (LL(320)	4	73450	1467	0.64	1.90e-08	84.0°/ 63.4°	402
20	CSX60S200 PRO (LU.(85)	4	73360	1465	0.64	1.90e-08	84.0°/ 63.4°	402

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 2.30m) **d/m²**

1	CSX60S100 PRO (sy..(73)	25	134600	32580	7.75	5.65e-09	264.8°/ 50.4°	369
2	CSX60S100 PRO (sy(308)	25	134600	32530	7.73	5.65e-09	264.8°/ 50.4°	369
3	CSX60S200 PRO (LL(126)	4	637400	95040	4.77	2.52e-10	71.6°/ 62.9°	415
4	CSX60S200 PRO (LL(361)	4	603000	84040	4.46	2.82e-10	71.6°/ 62.9°	416
5	CSX60S100 PRO (sy(114)	68	31280	3741	3.83	1.05e-07	208.1°/ 52.7°	415
6	CSX60S100 PRO (sy(349)	68	31290	3739	3.82	1.05e-07	208.1°/ 52.7°	415
7	CSX60S100 PRO (sy(122)	27	64890	6463	3.19	2.43e-08	80.8°/ 56.2°	416
8	CSX60S100 PRO (sy(357)	27	64970	6468	3.19	2.43e-08	80.8°/ 56.2°	416
9	CSX60S100 PRO (sy(324)	60	30980	2987	3.09	1.07e-07	205.2°/ 50.4°	435
10	CSX60S100 PRO (sy..(89)	60	30970	2987	3.09	1.07e-07	205.2°/ 50.4°	434
11	CSX60S100 PRO (sy..(81)	31	41820	3217	2.46	5.86e-08	86.8°/ 50.4°	403
12	CSX60S100 PRO (sy(316)	31	41850	3218	2.46	5.85e-08	86.8°/ 50.4°	403
13	CSX60S100 PRO (sy(317)	40	30240	2218	2.35	1.12e-07	115.1°/ 47.4°	403
14	CSX60S100 PRO (sy..(82)	40	30220	2218	2.35	1.12e-07	115.1°/ 47.4°	403
15	CSX60S100 PRO (sy(348)	46	27690	2016	2.33	1.34e-07	174.5°/ 47.2°	415
16	CSX60S100 PRO (sy(113)	46	27670	2017	2.33	1.34e-07	174.5°/ 47.2°	415
17	CSX60S100 PRO (sy..(90)	47	28700	2020	2.25	1.24e-07	174.9°/ 47.4°	434
18	CSX60S100 PRO (sy(325)	47	28720	2020	2.25	1.24e-07	174.9°/ 47.4°	434
19	CSX60S100 PRO (sy(121)	35	33070	2167	2.10	9.37e-08	115.5°/ 47.2°	416
20	CSX60S100 PRO (sy(356)	35	33090	2166	2.09	9.35e-08	115.5°/ 47.2°	416

I(p) IO 8 Carl-von-Ossietzky-Str. 11 O (1846.55m / 848.55m / 14.30m) **cd/m²**

1	CSX60S100 PRO (sy..(73)	22	325200	165200	16.26	9.68e-10	264.8°/ 50.4°	369
2	CSX60S100 PRO (sy(308)	22	323700	163500	16.16	9.77e-10	264.8°/ 50.4°	369
3	CSX60S100 PRO (sy(349)	52	31730	2948	2.97	1.02e-07	208.1°/ 52.7°	415
4	CSX60S100 PRO (sy(114)	52	31710	2947	2.97	1.02e-07	208.1°/ 52.7°	415
5	CSX60S100 PRO (sy(357)	23	69080	6315	2.93	2.15e-08	80.8°/ 56.2°	416
6	CSX60S100 PRO (sy(122)	23	69000	6307	2.92	2.15e-08	80.8°/ 56.2°	415
7	CSX60S100 PRO (sy..(89)	49	31350	2500	2.55	1.04e-07	205.2°/ 50.4°	434
8	CSX60S100 PRO (sy(324)	49	31370	2500	2.55	1.04e-07	205.2°/ 50.4°	434
9	CSX60S100 PRO (sy..(81)	25	43100	2788	2.07	5.51e-08	86.8°/ 50.4°	402
10	CSX60S100 PRO (sy(316)	25	43140	2788	2.07	5.50e-08	86.8°/ 50.4°	403
11	CSX60S200 PRO (LU.(77)	4	187100	11300	1.93	2.93e-09	264.0°/ 63.4°	369
12	CSX60S200 PRO (LL(312)	4	186800	11260	1.93	2.93e-09	264.0°/ 63.4°	369
13	CSX60S100 PRO (sy(356)	26	33680	1680	1.60	9.03e-08	115.5°/ 47.2°	416
14	CSX60S100 PRO (sy(121)	26	33660	1679	1.60	9.04e-08	115.5°/ 47.2°	415
15	CSX60S100 PRO (sy(317)	26	30720	1471	1.53	1.08e-07	115.1°/ 47.4°	403
16	CSX60S100 PRO (sy..(82)	26	30700	1469	1.53	1.09e-07	115.1°/ 47.4°	402
17	CSX60S100 PRO (sy(113)	26	28000	1166	1.33	1.31e-07	174.5°/ 47.2°	415
18	CSX60S100 PRO (sy(348)	26	28020	1164	1.33	1.30e-07	174.5°/ 47.2°	415
19	CSX60S100 PRO (sy..(90)	26	29030	1124	1.24	1.22e-07	174.9°/ 47.4°	434
20	CSX60S100 PRO (sy(325)	26	29040	1124	1.24	1.21e-07	174.9°/ 47.4°	434

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 2.30m) **cd/m²**

1	CSX60S100 PRO (sy..(73)	25	175700	54370	9.90	3.32e-09	264.8°/ 50.4°	376
2	CSX60S100 PRO (sy(308)	25	175700	54220	9.88	3.32e-09	264.8°/ 50.4°	376
3	CSX60S100 PRO (sy(114)	66	31980	3705	3.71	1.00e-07	208.1°/ 52.7°	423
4	CSX60S100 PRO (sy(349)	66	32000	3705	3.70	1.00e-07	208.1°/ 52.7°	423
5	CSX60S100 PRO (sy(357)	27	64910	6167	3.04	2.43e-08	80.8°/ 56.2°	424
6	CSX60S100 PRO (sy(122)	27	64830	6157	3.04	2.44e-08	80.8°/ 56.2°	423
7	CSX60S100 PRO (sy..(89)	60	31600	2989	3.03	1.03e-07	205.2°/ 50.4°	442
8	CSX60S100 PRO (sy(324)	60	31620	2988	3.02	1.02e-07	205.2°/ 50.4°	442
9	CSX60S200 PRO (LL(361)	4	368800	33330	2.89	7.53e-10	71.6°/ 62.9°	423
10	CSX60S200 PRO (LL(126)	4	361800	32090	2.84	7.82e-10	71.6°/ 62.9°	423
11	CSX60S100 PRO (sy(113)	46	28220	2010	2.28	1.29e-07	174.5°/ 47.2°	423
12	CSX60S100 PRO (sy(348)	46	28230	2010	2.28	1.28e-07	174.5°/ 47.2°	423
13	CSX60S100 PRO (sy(325)	47	29230	2028	2.22	1.20e-07	174.9°/ 47.4°	442
14	CSX60S100 PRO (sy..(90)	47	29210	2029	2.22	1.20e-07	174.9°/ 47.4°	442
15	CSX60S100 PRO (sy(121)	35	33580	2136	2.04	9.08e-08	115.5°/ 47.2°	423
16	CSX60S100 PRO (sy(356)	35	33600	2136	2.03	9.07e-08	115.5°/ 47.2°	424
17	CSX60S200 PRO (LU.(77)	4	169300	8892	1.68	3.57e-09	264.0°/ 63.4°	376
18	CSX60S200 PRO (LL(312)	4	169100	8864	1.68	3.58e-09	264.0°/ 63.4°	376
19	CSX60S200 PRO (LL(310)	4	89430	2318	0.83	1.28e-08	261.4°/ 57.6°	376
20	CSX60S200 PRO (LU.(75)	4	89410	2317	0.83	1.28e-08	261.4°/ 57.6°	376

I(p) IO 9 Carl-von-Ossietzky-Str. 11 N (1840.00m / 853.70m / 14.30m) **I cd/m²**

1	CSX60S100 PRO (sy(308)	16	304300	100700	10.59	1.11e-09	264.8°/ 50.4°	376
2	CSX60S100 PRO (sy..(73)	16	302600	99360	10.51	1.12e-09	264.8°/ 50.4°	376
3	CSX60S200 PRO (LU.(77)	4	469600	68580	4.67	4.64e-10	264.0°/ 63.4°	376
4	CSX60S200 PRO (LL(312)	4	463300	66670	4.60	4.77e-10	264.0°/ 63.4°	376
5	CSX60S100 PRO (sy(349)	51	32440	2941	2.90	9.73e-08	208.1°/ 52.7°	423
6	CSX60S100 PRO (sy(114)	51	32430	2941	2.90	9.74e-08	208.1°/ 52.7°	423
7	CSX60S100 PRO (sy(357)	24	68770	6171	2.87	2.17e-08	80.8°/ 56.2°	423
8	CSX60S100 PRO (sy(122)	24	68690	6171	2.87	2.17e-08	80.8°/ 56.2°	423
9	CSX60S100 PRO (sy..(89)	48	31990	2475	2.48	1.00e-07	205.2°/ 50.4°	441
10	CSX60S100 PRO (sy(324)	48	32010	2475	2.47	9.99e-08	205.2°/ 50.4°	442
11	CSX60S100 PRO (sy(121)	25	34170	1610	1.51	8.77e-08	115.5°/ 47.2°	423
12	CSX60S100 PRO (sy(356)	25	34190	1612	1.51	8.76e-08	115.5°/ 47.2°	423
13	CSX60S100 PRO (sy(113)	27	28550	1207	1.35	1.26e-07	174.5°/ 47.2°	422
14	CSX60S100 PRO (sy(348)	27	28570	1206	1.35	1.25e-07	174.5°/ 47.2°	423
15	CSX60S100 PRO (sy(325)	27	29550	1163	1.26	1.17e-07	174.9°/ 47.4°	441
16	CSX60S100 PRO (sy..(90)	27	29540	1164	1.26	1.17e-07	174.9°/ 47.4°	441
17	CSX60S200 PRO (LL(126)	2	266600	9091	1.09	1.44e-09	71.6°/ 62.9°	423
18	CSX60S200 PRO (LL(361)	2	264200	8763	1.06	1.47e-09	71.6°/ 62.9°	423
19	CSX60S200 PRO (LL(102)	4	75930	2026	0.85	1.78e-08	251.6°/ 62.9°	354
20	CSX60S200 PRO (LL(337)	4	75910	2022	0.85	1.78e-08	251.6°/ 62.9°	354

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 4.20m) **l/m²**

1	CSX60S100 PRO (sy(308)	13	242000	46570	6.16	1.75e-09	264.8°/ 50.4°	395
2	CSX60S100 PRO (sy..(73)	13	241100	46060	6.11	1.76e-09	264.8°/ 50.4°	394
3	CSX60S100 PRO (sy(349)	61	33850	3451	3.26	8.93e-08	208.1°/ 52.7°	443
4	CSX60S100 PRO (sy(114)	61	33840	3452	3.26	8.94e-08	208.1°/ 52.7°	443
5	CSX60S100 PRO (sy(324)	57	33300	2885	2.77	9.24e-08	205.2°/ 50.4°	461
6	CSX60S100 PRO (sy..(89)	57	33280	2884	2.77	9.25e-08	205.2°/ 50.4°	461
7	CSX60S100 PRO (sy(357)	26	66070	5571	2.70	2.35e-08	80.8°/ 56.2°	444
8	CSX60S100 PRO (sy(122)	26	66000	5566	2.70	2.35e-08	80.8°/ 56.2°	443
9	CSX60S100 PRO (sy..(81)	30	44440	3094	2.23	5.19e-08	86.8°/ 50.4°	432
10	CSX60S100 PRO (sy(316)	30	44470	3093	2.23	5.18e-08	86.8°/ 50.4°	432
11	CSX60S100 PRO (sy..(82)	37	32330	2010	1.99	9.80e-08	115.1°/ 47.4°	432
12	CSX60S100 PRO (sy(317)	37	32350	2008	1.99	9.79e-08	115.1°/ 47.4°	432
13	CSX60S100 PRO (sy(348)	41	29690	1791	1.93	1.16e-07	174.5°/ 47.2°	443
14	CSX60S100 PRO (sy(113)	41	29680	1791	1.93	1.16e-07	174.5°/ 47.2°	443
15	CSX60S100 PRO (sy..(90)	42	30580	1820	1.90	1.09e-07	174.9°/ 47.4°	461
16	CSX60S100 PRO (sy(325)	42	30600	1819	1.90	1.09e-07	174.9°/ 47.4°	461
17	CSX60S100 PRO (sy(356)	33	35070	2005	1.83	8.33e-08	115.5°/ 47.2°	444
18	CSX60S100 PRO (sy(121)	33	35050	2007	1.83	8.34e-08	115.5°/ 47.2°	443
19	CSX60S200 PRO (LL(361)	4	214400	10270	1.53	2.23e-09	71.6°/ 62.9°	443
20	CSX60S200 PRO (LL(126)	4	213000	10150	1.52	2.26e-09	71.6°/ 62.9°	443

I(p) IO 10 Schwarzkehlchenweg 2 Ost (1822.79m / 865.71m / 10.20m) **d/m²**

1	CSX60S100 PRO (sy(114)	54	34060	3098	2.91	8.82e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy(349)	54	34080	3098	2.91	8.82e-08	208.1°/ 52.7°	443
3	CSX60S100 PRO (sy(357)	26	67750	5864	2.77	2.23e-08	80.8°/ 56.2°	443
4	CSX60S100 PRO (sy(122)	26	67680	5857	2.77	2.24e-08	80.8°/ 56.2°	443
5	CSX60S100 PRO (sy(324)	51	33500	2636	2.52	9.13e-08	205.2°/ 50.4°	461
6	CSX60S100 PRO (sy..(89)	51	33480	2636	2.52	9.14e-08	205.2°/ 50.4°	461
7	CSX60S200 PRO (LL(361)	4	284600	18100	2.04	1.26e-09	71.6°/ 62.9°	443
8	CSX60S200 PRO (LL(126)	4	281600	17750	2.02	1.29e-09	71.6°/ 62.9°	443
9	CSX60S100 PRO (sy(316)	27	45090	2829	2.01	5.04e-08	86.8°/ 50.4°	432
10	CSX60S100 PRO (sy..(81)	27	45050	2827	2.01	5.05e-08	86.8°/ 50.4°	431
11	CSX60S100 PRO (sy..(82)	29	32570	1620	1.59	9.66e-08	115.1°/ 47.4°	431
12	CSX60S100 PRO (sy(317)	29	32590	1620	1.59	9.64e-08	115.1°/ 47.4°	432
13	CSX60S100 PRO (sy(356)	27	35360	1682	1.52	8.19e-08	115.5°/ 47.2°	443
14	CSX60S100 PRO (sy(121)	27	35330	1683	1.52	8.20e-08	115.5°/ 47.2°	443
15	CSX60S100 PRO (sy(113)	30	29850	1348	1.45	1.15e-07	174.5°/ 47.2°	443
16	CSX60S100 PRO (sy(348)	30	29860	1348	1.44	1.15e-07	174.5°/ 47.2°	443
17	CSX60S100 PRO (sy(325)	32	30760	1373	1.43	1.08e-07	174.9°/ 47.4°	461
18	CSX60S100 PRO (sy..(90)	32	30750	1374	1.43	1.08e-07	174.9°/ 47.4°	461
19	CSX60S200 PRO (LL(337)	4	88560	2468	0.89	1.31e-08	251.6°/ 62.9°	374
20	CSX60S200 PRO (LL(102)	4	88610	2474	0.89	1.30e-08	251.6°/ 62.9°	373

I(p) IO 11 Schwarzkehlchenweg 2 Nor (1823.52m / 868.48m / 4.20m) **d/m²**

1	CSX60S100 PRO (sy(114)	60	33960	3466	3.27	8.88e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy(349)	60	33980	3464	3.26	8.87e-08	208.1°/ 52.7°	443
3	CSX60S100 PRO (sy..(89)	56	33350	2865	2.75	9.21e-08	205.2°/ 50.4°	461
4	CSX60S100 PRO (sy(324)	56	33360	2865	2.75	9.20e-08	205.2°/ 50.4°	461
5	CSX60S100 PRO (sy(357)	26	64960	5382	2.65	2.43e-08	80.8°/ 56.2°	444
6	CSX60S100 PRO (sy(122)	26	64890	5377	2.65	2.43e-08	80.8°/ 56.2°	444
7	CSX60S100 PRO (sy..(81)	31	44170	3121	2.26	5.25e-08	86.8°/ 50.4°	432
8	CSX60S100 PRO (sy(316)	31	44200	3118	2.26	5.24e-08	86.8°/ 50.4°	432
9	CSX60S100 PRO (sy..(82)	37	32280	2021	2.00	9.82e-08	115.1°/ 47.4°	432
10	CSX60S100 PRO (sy(317)	37	32300	2020	2.00	9.81e-08	115.1°/ 47.4°	432
11	CSX60S100 PRO (sy(325)	43	30600	1846	1.93	1.09e-07	174.9°/ 47.4°	461
12	CSX60S100 PRO (sy..(90)	43	30580	1848	1.93	1.09e-07	174.9°/ 47.4°	461
13	CSX60S100 PRO (sy(121)	34	34950	2043	1.87	8.38e-08	115.5°/ 47.2°	444
14	CSX60S100 PRO (sy(356)	34	34970	2041	1.87	8.37e-08	115.5°/ 47.2°	444
15	CSX60S100 PRO (sy(113)	40	29710	1736	1.87	1.16e-07	174.5°/ 47.2°	443
16	CSX60S100 PRO (sy(348)	40	29730	1737	1.87	1.16e-07	174.5°/ 47.2°	443
17	CSX60S100 PRO (sy(308)	5	189600	10250	1.73	2.85e-09	264.8°/ 50.4°	394
18	CSX60S100 PRO (sy..(73)	4	189200	10030	1.70	2.86e-09	264.8°/ 50.4°	394
19	CSX60S200 PRO (LL(361)	4	181100	7318	1.29	3.12e-09	71.6°/ 62.9°	444
20	CSX60S200 PRO (LL(126)	4	180200	7257	1.29	3.15e-09	71.6°/ 62.9°	443

I(p) IO 11 Schwarzkehlchenweg 2 No(1823.52m / 868.48m / 10.20m)**cd/m²**

1	CSX60S100 PRO (sy(114)	53	34190	3111	2.91	8.76e-08	208.1°/ 52.7°	443
2	CSX60S100 PRO (sy(349)	53	34210	3109	2.91	8.75e-08	208.1°/ 52.7°	443
3	CSX60S100 PRO (sy(357)	25	66560	5597	2.69	2.31e-08	80.8°/ 56.2°	444
4	CSX60S100 PRO (sy(122)	25	66480	5589	2.69	2.32e-08	80.8°/ 56.2°	443
5	CSX60S100 PRO (sy(324)	51	33560	2619	2.50	9.09e-08	205.2°/ 50.4°	461
6	CSX60S100 PRO (sy..(89)	51	33550	2619	2.50	9.10e-08	205.2°/ 50.4°	461
7	CSX60S100 PRO (sy..(81)	27	44770	2796	2.00	5.11e-08	86.8°/ 50.4°	432
8	CSX60S100 PRO (sy(316)	27	44800	2794	2.00	5.10e-08	86.8°/ 50.4°	432
9	CSX60S100 PRO (sy(317)	29	32540	1593	1.57	9.67e-08	115.1°/ 47.4°	432
10	CSX60S100 PRO (sy..(82)	29	32520	1592	1.57	9.68e-08	115.1°/ 47.4°	432
11	CSX60S200 PRO (LL(361)	4	217600	10580	1.56	2.16e-09	71.6°/ 62.9°	443
12	CSX60S200 PRO (LL(126)	4	216200	10450	1.55	2.19e-09	71.6°/ 62.9°	443
13	CSX60S100 PRO (sy(356)	27	35260	1693	1.54	8.24e-08	115.5°/ 47.2°	444
14	CSX60S100 PRO (sy(121)	27	35230	1693	1.54	8.25e-08	115.5°/ 47.2°	443
15	CSX60S100 PRO (sy(325)	32	30760	1400	1.46	1.08e-07	174.9°/ 47.4°	461
16	CSX60S100 PRO (sy..(90)	32	30750	1401	1.46	1.08e-07	174.9°/ 47.4°	460
17	CSX60S100 PRO (sy(113)	30	29880	1331	1.43	1.15e-07	174.5°/ 47.2°	443
18	CSX60S100 PRO (sy(348)	30	29900	1331	1.42	1.15e-07	174.5°/ 47.2°	443
19	CSX60S200 PRO (LL(337)	4	94160	2790	0.95	1.15e-08	251.6°/ 62.9°	374
20	CSX60S200 PRO (LL(102)	4	94240	2798	0.95	1.15e-08	251.6°/ 62.9°	373

I(p) IO 12 Schwarzkehlchenweg 12 E(1798.31m / 885.65m / 3.90m)²

1	CSX60S100 PRO (sy..(65)	--	10120000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	10120000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	10120000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	10120000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	10120000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	10120000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	10120000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	10120000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	10120000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	10120000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	10120000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	10120000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	10120000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	10120000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	10120000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	10120000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	10120000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	10120000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	10120000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	10120000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 12 Schwarzkehlchenweg 12 O(1798.31m / 885.65m / 9.90m)**m²**

1	CSX60S100 PRO (sy(114)	53	36820	3158	2.74	7.55e-08	208.1°/ 52.7°	472
2	CSX60S100 PRO (sy(349)	53	36830	3158	2.74	7.55e-08	208.1°/ 52.7°	473
3	CSX60S100 PRO (sy(324)	50	35970	2639	2.35	7.92e-08	205.2°/ 50.4°	489
4	CSX60S100 PRO (sy(122)	25	67810	4971	2.35	2.23e-08	80.8°/ 56.2°	473
5	CSX60S100 PRO (sy(357)	25	67870	4974	2.35	2.22e-08	80.8°/ 56.2°	473
6	CSX60S100 PRO (sy..(89)	50	35950	2639	2.35	7.92e-08	205.2°/ 50.4°	489
7	CSX60S100 PRO (sy(316)	27	47440	2820	1.90	4.55e-08	86.8°/ 50.4°	462
8	CSX60S100 PRO (sy..(81)	27	47400	2821	1.90	4.56e-08	86.8°/ 50.4°	462
9	CSX60S100 PRO (sy..(82)	29	34680	1574	1.45	8.52e-08	115.1°/ 47.4°	462
10	CSX60S100 PRO (sy(317)	29	34700	1573	1.45	8.51e-08	115.1°/ 47.4°	462
11	CSX60S100 PRO (sy(356)	27	37290	1613	1.38	7.36e-08	115.5°/ 47.2°	473
12	CSX60S100 PRO (sy(121)	27	37270	1613	1.38	7.37e-08	115.5°/ 47.2°	473
13	CSX60S100 PRO (sy(348)	30	31960	1340	1.34	1.00e-07	174.5°/ 47.2°	473
14	CSX60S100 PRO (sy(113)	30	31950	1341	1.34	1.00e-07	174.5°/ 47.2°	472
15	CSX60S100 PRO (sy(325)	30	32720	1320	1.29	9.56e-08	174.9°/ 47.4°	489
16	CSX60S100 PRO (sy..(90)	30	32700	1320	1.29	9.57e-08	174.9°/ 47.4°	489
17	CSX60S200 PRO (LL(102)	4	133300	4819	1.16	5.76e-09	251.6°/ 62.9°	402
18	CSX60S200 PRO (LL(337)	4	133000	4794	1.15	5.79e-09	251.6°/ 62.9°	403
19	CSX60S200 PRO (LL(126)	4	159700	5017	1.01	4.01e-09	71.6°/ 62.9°	473
20	CSX60S200 PRO (LL(361)	4	160300	5045	1.01	3.99e-09	71.6°/ 62.9°	473

I(p) IO 13 Schwarzkehlchenweg 28 E(1748.74m / 919.17m / 3.70m)²

1	CSX60S200 PRO (LL(102)	4	726600	109500	4.82	1.94e-10	251.6°/ 62.9°	460
2	CSX60S200 PRO (LL(337)	4	688900	98310	4.57	2.16e-10	251.6°/ 62.9°	460
3	CSX60S100 PRO (sy(114)	55	41790	3326	2.55	5.86e-08	208.1°/ 52.7°	531
4	CSX60S100 PRO (sy(349)	55	41810	3325	2.55	5.86e-08	208.1°/ 52.7°	531
5	CSX60S100 PRO (sy..(89)	52	40550	2785	2.20	6.23e-08	205.2°/ 50.4°	546
6	CSX60S100 PRO (sy(324)	52	40570	2785	2.20	6.22e-08	205.2°/ 50.4°	546
7	CSX60S100 PRO (sy(357)	27	70370	4706	2.14	2.07e-08	80.8°/ 56.2°	531
8	CSX60S100 PRO (sy(122)	27	70310	4704	2.14	2.07e-08	80.8°/ 56.2°	531
9	CSX60S100 PRO (sy(316)	32	52160	3096	1.90	3.76e-08	86.8°/ 50.4°	522
10	CSX60S100 PRO (sy..(81)	32	52130	3097	1.90	3.77e-08	86.8°/ 50.4°	522
11	CSX60S100 PRO (sy(348)	37	35890	1648	1.47	7.95e-08	174.5°/ 47.2°	531
12	CSX60S100 PRO (sy(113)	37	35870	1648	1.47	7.96e-08	174.5°/ 47.2°	531
13	CSX60S100 PRO (sy..(90)	38	36460	1670	1.47	7.70e-08	174.9°/ 47.4°	545
14	CSX60S100 PRO (sy(325)	38	36470	1669	1.46	7.70e-08	174.9°/ 47.4°	546
15	CSX60S100 PRO (sy..(82)	33	38710	1749	1.45	6.83e-08	115.1°/ 47.4°	522
16	CSX60S100 PRO (sy(317)	33	38730	1749	1.45	6.83e-08	115.1°/ 47.4°	522
17	CSX60S100 PRO (sy(121)	31	41090	1834	1.43	6.07e-08	115.5°/ 47.2°	531
18	CSX60S100 PRO (sy(356)	31	41110	1834	1.43	6.06e-08	115.5°/ 47.2°	531
19	CSX60S200 PRO (LL(361)	4	126900	2509	0.63	6.35e-09	71.6°/ 62.9°	531
20	CSX60S200 PRO (LL(126)	4	126700	2502	0.63	6.38e-09	71.6°/ 62.9°	531

I(p) IO 13 Schwarzkehlchenweg 28 O(1748.74m / 919.17m / 9.70m)**m²**

1	CSX60S100 PRO (sy(114)	50	42040	3083	2.35	5.79e-08	208.1°/ 52.7°	531
2	CSX60S100 PRO (sy(349)	50	42060	3084	2.35	5.79e-08	208.1°/ 52.7°	531
3	CSX60S100 PRO (sy(357)	26	71530	4618	2.07	2.00e-08	80.8°/ 56.2°	531
4	CSX60S100 PRO (sy(122)	26	71480	4614	2.07	2.00e-08	80.8°/ 56.2°	531
5	CSX60S100 PRO (sy..(89)	47	40770	2566	2.01	6.16e-08	205.2°/ 50.4°	545
6	CSX60S100 PRO (sy(324)	47	40790	2567	2.01	6.15e-08	205.2°/ 50.4°	546
7	CSX60S200 PRO (LL(337)	3	397900	24460	1.97	6.47e-10	251.6°/ 62.9°	460
8	CSX60S200 PRO (LL(102)	3	391000	23350	1.91	6.70e-10	251.6°/ 62.9°	460
9	CSX60S100 PRO (sy(316)	28	52720	2838	1.72	3.68e-08	86.8°/ 50.4°	522
10	CSX60S100 PRO (sy..(81)	28	52690	2839	1.72	3.69e-08	86.8°/ 50.4°	521
11	CSX60S100 PRO (sy(317)	28	38970	1523	1.25	6.74e-08	115.1°/ 47.4°	522
12	CSX60S100 PRO (sy..(82)	28	38950	1523	1.25	6.75e-08	115.1°/ 47.4°	521
13	CSX60S100 PRO (sy(356)	27	41380	1599	1.24	5.98e-08	115.5°/ 47.2°	531
14	CSX60S100 PRO (sy(121)	27	41360	1598	1.24	5.99e-08	115.5°/ 47.2°	531
15	CSX60S100 PRO (sy(325)	31	36640	1354	1.18	7.63e-08	174.9°/ 47.4°	545
16	CSX60S100 PRO (sy..(90)	31	36630	1354	1.18	7.63e-08	174.9°/ 47.4°	545
17	CSX60S100 PRO (sy(348)	29	36060	1309	1.16	7.87e-08	174.5°/ 47.2°	531
18	CSX60S100 PRO (sy(113)	29	36050	1309	1.16	7.88e-08	174.5°/ 47.2°	530
19	CSX60S200 PRO (LL(361)	4	132900	2751	0.66	5.80e-09	71.6°/ 62.9°	531
20	CSX60S200 PRO (LL(126)	4	132600	2743	0.66	5.82e-09	71.6°/ 62.9°	531

I(p) IO 14 Schwarzkehlchenweg 30 E(1699.30m / 952.79m / 2.90m)²

1	CSX60S100 PRO (sy(114)	53	47050	3270	2.22	4.63e-08	208.1°/ 52.7°	589
2	CSX60S100 PRO (sy(349)	53	47060	3270	2.22	4.62e-08	208.1°/ 52.7°	589
3	CSX60S100 PRO (sy(324)	49	45460	2735	1.93	4.96e-08	205.2°/ 50.4°	603
4	CSX60S100 PRO (sy..(89)	49	45440	2735	1.93	4.96e-08	205.2°/ 50.4°	603
5	CSX60S100 PRO (sy(122)	28	74670	4370	1.87	1.84e-08	80.8°/ 56.2°	590
6	CSX60S100 PRO (sy(357)	28	74720	4372	1.87	1.83e-08	80.8°/ 56.2°	590
7	CSX60S100 PRO (sy(316)	33	57430	3101	1.73	3.10e-08	86.8°/ 50.4°	581
8	CSX60S100 PRO (sy..(81)	33	57390	3102	1.73	3.11e-08	86.8°/ 50.4°	581
9	CSX60S100 PRO (sy..(82)	33	42960	1767	1.32	5.55e-08	115.1°/ 47.4°	581
10	CSX60S100 PRO (sy(325)	38	40440	1651	1.31	6.26e-08	174.9°/ 47.4°	603
11	CSX60S100 PRO (sy(317)	33	42980	1765	1.31	5.54e-08	115.1°/ 47.4°	581
12	CSX60S100 PRO (sy..(90)	38	40420	1651	1.31	6.27e-08	174.9°/ 47.4°	602
13	CSX60S100 PRO (sy(356)	31	45220	1769	1.25	5.01e-08	115.5°/ 47.2°	590
14	CSX60S100 PRO (sy(121)	31	45200	1769	1.25	5.01e-08	115.5°/ 47.2°	590
15	CSX60S100 PRO (sy(113)	34	39990	1519	1.22	6.40e-08	174.5°/ 47.2°	589
16	CSX60S100 PRO (sy(348)	34	40000	1518	1.21	6.40e-08	174.5°/ 47.2°	589
17	CSX60S200 PRO (LL(361)	4	122000	1880	0.49	6.88e-09	71.6°/ 62.9°	590
18	CSX60S200 PRO (LL(126)	4	121800	1876	0.49	6.90e-09	71.6°/ 62.9°	589
19	CSX60S200 PRO (LU.(85)	4	56940	422	0.24	3.16e-08	84.0°/ 63.4°	581
20	CSX60S200 PRO (LL(320)	4	56980	423	0.24	3.15e-08	84.0°/ 63.4°	581

I(p) IO 14 Schwarzkehlchenweg 30 O(1699.30m / 952.79m / 8.90m)**m²**

1	CSX60S100 PRO (sy(114)	47	47310	2981	2.02	4.57e-08	208.1°/ 52.7°	589
2	CSX60S100 PRO (sy(349)	47	47320	2981	2.02	4.57e-08	208.1°/ 52.7°	589
3	CSX60S100 PRO (sy(324)	45	45690	2533	1.77	4.91e-08	205.2°/ 50.4°	603
4	CSX60S100 PRO (sy(122)	26	75680	4183	1.77	1.79e-08	80.8°/ 56.2°	589
5	CSX60S100 PRO (sy(357)	26	75740	4184	1.77	1.79e-08	80.8°/ 56.2°	590
6	CSX60S100 PRO (sy..(89)	45	45670	2533	1.77	4.91e-08	205.2°/ 50.4°	602
7	CSX60S100 PRO (sy(316)	30	57970	2875	1.59	3.05e-08	86.8°/ 50.4°	581
8	CSX60S100 PRO (sy..(81)	30	57930	2877	1.59	3.05e-08	86.8°/ 50.4°	581
9	CSX60S100 PRO (sy(356)	27	45480	1595	1.12	4.95e-08	115.5°/ 47.2°	590
10	CSX60S100 PRO (sy(121)	27	45460	1595	1.12	4.96e-08	115.5°/ 47.2°	589
11	CSX60S100 PRO (sy..(82)	28	43190	1492	1.11	5.49e-08	115.1°/ 47.4°	581
12	CSX60S100 PRO (sy(317)	28	43210	1493	1.11	5.48e-08	115.1°/ 47.4°	581
13	CSX60S100 PRO (sy(348)	29	40180	1301	1.04	6.34e-08	174.5°/ 47.2°	589
14	CSX60S100 PRO (sy(113)	29	40170	1300	1.04	6.35e-08	174.5°/ 47.2°	589
15	CSX60S100 PRO (sy(325)	29	40610	1299	1.02	6.21e-08	174.9°/ 47.4°	602
16	CSX60S100 PRO (sy..(90)	29	40600	1300	1.02	6.21e-08	174.9°/ 47.4°	602
17	CSX60S200 PRO (LL(126)	4	125500	1994	0.51	6.50e-09	71.6°/ 62.9°	589
18	CSX60S200 PRO (LL(361)	4	125700	1998	0.51	6.48e-09	71.6°/ 62.9°	589
19	CSX60S200 PRO (LU.(85)	4	57310	428	0.24	3.12e-08	84.0°/ 63.4°	581
20	CSX60S200 PRO (LL(320)	4	57340	428	0.24	3.11e-08	84.0°/ 63.4°	581

I(p) IO 15 Schwarzkehlchenweg 44 E(1658.55m / 980.45m / 2.60m)²

1	CSX60S100 PRO (sy(114)	51	51430	3244	2.02	3.87e-08	208.1°/ 52.7°	638
2	CSX60S100 PRO (sy(349)	51	51450	3244	2.02	3.87e-08	208.1°/ 52.7°	638
3	CSX60S100 PRO (sy(324)	48	49560	2710	1.75	4.17e-08	205.2°/ 50.4°	650
4	CSX60S100 PRO (sy(122)	29	78620	4308	1.75	1.66e-08	80.8°/ 56.2°	638
5	CSX60S100 PRO (sy(357)	29	78670	4308	1.75	1.65e-08	80.8°/ 56.2°	638
6	CSX60S100 PRO (sy..(89)	48	49540	2711	1.75	4.17e-08	205.2°/ 50.4°	650
7	CSX60S100 PRO (sy(316)	32	61830	3047	1.58	2.68e-08	86.8°/ 50.4°	630
8	CSX60S100 PRO (sy..(81)	32	61790	3046	1.58	2.68e-08	86.8°/ 50.4°	630
9	CSX60S100 PRO (sy..(82)	32	46490	1713	1.18	4.74e-08	115.1°/ 47.4°	630
10	CSX60S100 PRO (sy(317)	32	46510	1713	1.18	4.73e-08	115.1°/ 47.4°	630
11	CSX60S100 PRO (sy(113)	34	43410	1541	1.14	5.43e-08	174.5°/ 47.2°	637
12	CSX60S100 PRO (sy(348)	34	43420	1540	1.13	5.43e-08	174.5°/ 47.2°	638
13	CSX60S100 PRO (sy(325)	34	43760	1491	1.09	5.35e-08	174.9°/ 47.4°	650
14	CSX60S100 PRO (sy..(90)	34	43740	1492	1.09	5.35e-08	174.9°/ 47.4°	650
15	CSX60S100 PRO (sy(121)	29	48630	1640	1.08	4.33e-08	115.5°/ 47.2°	638
16	CSX60S100 PRO (sy(356)	29	48650	1642	1.08	4.33e-08	115.5°/ 47.2°	638
17	CSX60S200 PRO (LL(126)	4	122000	1607	0.42	6.88e-09	71.6°/ 62.9°	638
18	CSX60S200 PRO (LL(361)	4	122100	1610	0.42	6.87e-09	71.6°/ 62.9°	638
19	CSX60S200 PRO (LU.(85)	4	61190	415	0.22	2.74e-08	84.0°/ 63.4°	630
20	CSX60S200 PRO (LL(320)	4	61220	415	0.22	2.73e-08	84.0°/ 63.4°	630

I(p) IO 15 Schwarzkehlchenweg 44 O(1658.55m / 980.45m / 8.60m)**m²**

1	CSX60S100 PRO (sy(114)	47	51700	3032	1.88	3.83e-08	208.1°/ 52.7°	637
2	CSX60S100 PRO (sy(349)	47	51720	3032	1.88	3.83e-08	208.1°/ 52.7°	638
3	CSX60S100 PRO (sy(122)	27	79550	4139	1.66	1.62e-08	80.8°/ 56.2°	638
4	CSX60S100 PRO (sy(357)	27	79600	4137	1.66	1.62e-08	80.8°/ 56.2°	638
5	CSX60S100 PRO (sy(324)	44	49800	2518	1.62	4.13e-08	205.2°/ 50.4°	650
6	CSX60S100 PRO (sy..(89)	44	49790	2519	1.62	4.13e-08	205.2°/ 50.4°	650
7	CSX60S100 PRO (sy(316)	30	62360	2886	1.48	2.63e-08	86.8°/ 50.4°	630
8	CSX60S100 PRO (sy..(81)	30	62320	2887	1.48	2.64e-08	86.8°/ 50.4°	630
9	CSX60S100 PRO (sy..(82)	27	46720	1475	1.01	4.69e-08	115.1°/ 47.4°	630
10	CSX60S100 PRO (sy(317)	27	46740	1475	1.01	4.69e-08	115.1°/ 47.4°	630
11	CSX60S100 PRO (sy(121)	27	48880	1530	1.00	4.29e-08	115.5°/ 47.2°	638
12	CSX60S100 PRO (sy(356)	27	48910	1529	1.00	4.28e-08	115.5°/ 47.2°	638
13	CSX60S100 PRO (sy(348)	29	43600	1310	0.96	5.39e-08	174.5°/ 47.2°	637
14	CSX60S100 PRO (sy(113)	29	43590	1310	0.96	5.39e-08	174.5°/ 47.2°	637
15	CSX60S100 PRO (sy..(90)	29	43910	1297	0.95	5.31e-08	174.9°/ 47.4°	650
16	CSX60S100 PRO (sy(325)	29	43930	1297	0.94	5.31e-08	174.9°/ 47.4°	650
17	CSX60S200 PRO (LL(361)	4	125000	1689	0.43	6.55e-09	71.6°/ 62.9°	638
18	CSX60S200 PRO (LL(126)	4	124900	1686	0.43	6.56e-09	71.6°/ 62.9°	637
19	CSX60S200 PRO (LL(320)	4	61580	420	0.22	2.70e-08	84.0°/ 63.4°	630
20	CSX60S200 PRO (LU.(85)	4	61540	420	0.22	2.70e-08	84.0°/ 63.4°	629

I(p) IO 16 Dietenbach EG, limit: k = 32(1753.40m / 1204.35m / 1.70m)

1	CSX60S100 PRO (sy..(65)	--	10120000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	10120000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	10120000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	10120000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	10120000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	10120000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	10120000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	10120000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	10120000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	10120000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	10120000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	10120000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	10120000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	10120000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	10120000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	10120000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	10120000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	10120000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	10120000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	10120000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 16 Dietenbach OG 4, limit: k = (1753.40m / 1204.35m / 13.70m)

1	CSX60S100 PRO (sy(357)	54	56870	3661	2.06	3.17e-08	80.8°/ 56.2°	684
2	CSX60S100 PRO (sy(122)	54	56840	3659	2.06	3.17e-08	80.8°/ 56.2°	684
3	CSX60S100 PRO (sy..(81)	40	53810	2352	1.40	3.54e-08	86.8°/ 50.4°	696
4	CSX60S100 PRO (sy(316)	40	53830	2352	1.40	3.53e-08	86.8°/ 50.4°	696
5	CSX60S100 PRO (sy(114)	25	79510	3311	1.33	1.62e-08	208.1°/ 52.7°	684
6	CSX60S100 PRO (sy(349)	25	79500	3307	1.33	1.62e-08	208.1°/ 52.7°	685
7	CSX60S100 PRO (sy(317)	27	47520	1248	0.84	4.53e-08	115.1°/ 47.4°	696
8	CSX60S100 PRO (sy..(82)	27	47510	1248	0.84	4.54e-08	115.1°/ 47.4°	696
9	CSX60S100 PRO (sy(348)	24	51890	1370	0.84	3.80e-08	174.5°/ 47.2°	684
10	CSX60S100 PRO (sy(113)	24	51880	1369	0.84	3.80e-08	174.5°/ 47.2°	684
11	CSX60S100 PRO (sy(356)	26	47330	1197	0.81	4.57e-08	115.5°/ 47.2°	684
12	CSX60S100 PRO (sy(121)	26	47320	1196	0.81	4.57e-08	115.5°/ 47.2°	684
13	CSX60S200 PRO (LL(118)	4	115400	1248	0.35	7.69e-09	218.4°/ 62.9°	684
14	CSX60S200 PRO (LL(353)	4	115300	1246	0.35	7.70e-09	218.4°/ 62.9°	685
15	CSX60S200 PRO (LL(361)	4	62960	372	0.19	2.58e-08	71.6°/ 62.9°	684
16	CSX60S200 PRO (LL(126)	4	62920	372	0.19	2.59e-08	71.6°/ 62.9°	684
17	CSX60S200 PRO (LL(320)	4	51360	239	0.15	3.88e-08	84.0°/ 63.4°	696
18	CSX60S200 PRO (LU.(85)	4	51340	239	0.15	3.89e-08	84.0°/ 63.4°	696
19	CSX60S300 PRO (LL(355)	4	52400	240	0.15	3.73e-08	188.2°/ 67.9°	685
20	CSX60S300 PRO (LL(120)	4	52400	240	0.15	3.73e-08	188.2°/ 67.9°	684

I(p) IO 17 Dietenbach EG, limit: k = 96(1839.94m / 1129.86m / 1.70m)

1	CSX60S100 PRO (sy..(65)	--	30360000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	30360000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	30360000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	30360000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	30360000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	30360000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	30360000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	30360000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	30360000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	30360000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	30360000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	30360000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	30360000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	30360000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	30360000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	30360000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	30360000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	30360000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	30360000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	30360000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p)IO 17 Dietenbach OG 2, limit: k = 9(1839.94m / 1129.86m / 7.70m)

1	CSX60S100 PRO (sy..(65)	--	30360000	--	0.00	1.00e-12	25.2°/ 50.4°	0.0
2	CSX60S100 PRO (sy..(66)	--	30360000	--	0.00	1.00e-12	354.9°/ 47.4°	0.0
3	CSX60S200 PRO (LU.(67)	--	30360000	--	0.00	1.00e-12	27.6°/ 57.6°	0.0
4	CSX60S200 PRO (LU.(68)	--	30360000	--	0.00	1.00e-12	350.6°/ 56.8°	0.0
5	CSX60S200 PRO (LU.(69)	--	30360000	--	0.00	1.00e-12	26.0°/ 63.4°	0.0
6	CSX60S200 PRO (LU.(70)	--	30360000	--	0.00	1.00e-12	332.8°/ 65.9°	0.0
7	CSX60S300 PRO (LU.(71)	--	30360000	--	0.00	1.00e-12	3.8°/ 68.0°	0.0
8	CSX60S300 PRO (LU.(72)	--	30360000	--	0.00	1.00e-12	344.4°/ 66.8°	0.0
9	CSX60S100 PRO (sy..(73)	--	30360000	--	0.00	1.00e-12	264.8°/ 50.4°	0.0
10	CSX60S100 PRO (sy..(74)	--	30360000	--	0.00	1.00e-12	295.1°/ 47.4°	0.0
11	CSX60S200 PRO (LU.(75)	--	30360000	--	0.00	1.00e-12	261.4°/ 57.6°	0.0
12	CSX60S200 PRO (LU.(76)	--	30360000	--	0.00	1.00e-12	299.4°/ 56.8°	0.0
13	CSX60S200 PRO (LU.(77)	--	30360000	--	0.00	1.00e-12	264.0°/ 63.4°	0.0
14	CSX60S200 PRO (LU.(78)	--	30360000	--	0.00	1.00e-12	317.2°/ 65.9°	0.0
15	CSX60S300 PRO (LU.(79)	--	30360000	--	0.00	1.00e-12	286.2°/ 68.0°	0.0
16	CSX60S300 PRO (LU.(80)	--	30360000	--	0.00	1.00e-12	305.6°/ 66.8°	0.0
17	CSX60S100 PRO (sy..(81)	--	30360000	--	0.00	1.00e-12	86.8°/ 50.4°	0.0
18	CSX60S100 PRO (sy..(82)	--	30360000	--	0.00	1.00e-12	115.1°/ 47.4°	0.0
19	CSX60S200 PRO (LU.(83)	--	30360000	--	0.00	1.00e-12	81.4°/ 57.6°	0.0
20	CSX60S200 PRO (LU.(84)	--	30360000	--	0.00	1.00e-12	119.4°/ 56.8°	0.0

I(p) IO 18 Dietenbach EG, limit: k = 96(1870.19m / 1069.75m / 2.40m)

1	CSX60S100 PRO (sy(122)	71	127200	4875	3.68	5.69e-08	80.8°/ 56.2°	507
2	CSX60S100 PRO (sy(357)	71	127300	4875	3.68	5.69e-08	80.8°/ 56.2°	507
3	CSX60S100 PRO (sy..(81)	50	118600	2840	2.30	6.55e-08	86.8°/ 50.4°	518
4	CSX60S100 PRO (sy(316)	50	118700	2839	2.30	6.54e-08	86.8°/ 50.4°	518
5	CSX60S100 PRO (sy(349)	31	164800	3532	2.06	3.39e-08	208.1°/ 52.7°	508
6	CSX60S100 PRO (sy(114)	31	164800	3534	2.06	3.39e-08	208.1°/ 52.7°	507
7	CSX60S100 PRO (sy(324)	35	139400	2962	2.04	4.74e-08	205.2°/ 50.4°	502
8	CSX60S100 PRO (sy..(89)	35	139400	2965	2.04	4.74e-08	205.2°/ 50.4°	502
9	CSX60S100 PRO (sy(325)	38	107500	1869	1.67	7.97e-08	174.9°/ 47.4°	502
10	CSX60S100 PRO (sy..(90)	38	107500	1868	1.67	7.97e-08	174.9°/ 47.4°	502
11	CSX60S100 PRO (sy(317)	41	104900	1815	1.66	8.37e-08	115.1°/ 47.4°	518
12	CSX60S100 PRO (sy..(82)	41	104900	1816	1.66	8.37e-08	115.1°/ 47.4°	518
13	CSX60S100 PRO (sy(121)	38	104500	1773	1.63	8.43e-08	115.5°/ 47.2°	507
14	CSX60S100 PRO (sy(356)	38	104600	1772	1.63	8.43e-08	115.5°/ 47.2°	507
15	CSX60S100 PRO (sy(113)	35	112500	1853	1.58	7.29e-08	174.5°/ 47.2°	507
16	CSX60S100 PRO (sy(348)	35	112500	1855	1.58	7.28e-08	174.5°/ 47.2°	507
17	CSX60S200 PRO (LL(118)	4	223600	949	0.41	1.84e-08	218.4°/ 62.9°	507
18	CSX60S200 PRO (LL(353)	4	223500	947	0.41	1.84e-08	218.4°/ 62.9°	507
19	CSX60S200 PRO (LL(126)	4	142100	384	0.26	4.56e-08	71.6°/ 62.9°	507
20	CSX60S200 PRO (LL(361)	4	142200	384	0.26	4.55e-08	71.6°/ 62.9°	507

I(p)IO 18 Dietenbach OG 2, limit: k = 9(1870.19m / 1069.75m / 8.40m)

1	CSX60S100 PRO (sy(122)	62	128000	4277	3.21	5.62e-08	80.8°/ 56.2°	507
2	CSX60S100 PRO (sy(357)	62	128100	4277	3.20	5.61e-08	80.8°/ 56.2°	507
3	CSX60S100 PRO (sy..(81)	46	119300	2669	2.15	6.47e-08	86.8°/ 50.4°	518
4	CSX60S100 PRO (sy(316)	46	119400	2669	2.15	6.47e-08	86.8°/ 50.4°	518
5	CSX60S100 PRO (sy(114)	29	166800	3357	1.93	3.31e-08	208.1°/ 52.7°	507
6	CSX60S100 PRO (sy(349)	29	166800	3355	1.93	3.31e-08	208.1°/ 52.7°	507
7	CSX60S100 PRO (sy(324)	32	140700	2712	1.85	4.65e-08	205.2°/ 50.4°	502
8	CSX60S100 PRO (sy..(89)	32	140700	2714	1.85	4.65e-08	205.2°/ 50.4°	502
9	CSX60S100 PRO (sy..(82)	33	105400	1475	1.34	8.29e-08	115.1°/ 47.4°	518
10	CSX60S100 PRO (sy(317)	33	105500	1475	1.34	8.29e-08	115.1°/ 47.4°	518
11	CSX60S100 PRO (sy(325)	29	108100	1477	1.31	7.88e-08	174.9°/ 47.4°	502
12	CSX60S100 PRO (sy..(90)	29	108100	1476	1.31	7.88e-08	174.9°/ 47.4°	502
13	CSX60S100 PRO (sy(113)	28	113100	1524	1.29	7.20e-08	174.5°/ 47.2°	507
14	CSX60S100 PRO (sy(348)	28	113200	1523	1.29	7.20e-08	174.5°/ 47.2°	507
15	CSX60S100 PRO (sy(121)	29	105100	1350	1.23	8.35e-08	115.5°/ 47.2°	507
16	CSX60S100 PRO (sy(356)	29	105100	1349	1.23	8.34e-08	115.5°/ 47.2°	507
17	CSX60S200 PRO (LL(353)	4	227400	981	0.41	1.78e-08	218.4°/ 62.9°	507
18	CSX60S200 PRO (LL(118)	4	227500	983	0.41	1.78e-08	218.4°/ 62.9°	507
19	CSX60S200 PRO (LL(126)	4	143100	389	0.26	4.50e-08	71.6°/ 62.9°	507
20	CSX60S200 PRO (LL(361)	4	143200	389	0.26	4.49e-08	71.6°/ 62.9°	507

I(p) IO 19 Dietenbach EG, limit: k = 96(1926.82m / 1031.40m / 3.00m)

1	CSX60S100 PRO (sy(122)	78	108300	5160	4.58	7.86e-08	80.8°/ 56.2°	440
2	CSX60S100 PRO (sy(357)	78	108300	5156	4.57	7.85e-08	80.8°/ 56.2°	440

3	CSX60S100 PRO (sy..(81)	53	101600	2901	2.74	8.94e-08	86.8°/ 50.4°	452
4	CSX60S100 PRO (sy(316)	53	101600	2900	2.74	8.93e-08	86.8°/ 50.4°	452
5	CSX60S100 PRO (sy..(89)	37	120700	3085	2.45	6.32e-08	205.2°/ 50.4°	434
6	CSX60S100 PRO (sy(324)	37	120800	3085	2.45	6.32e-08	205.2°/ 50.4°	434
7	CSX60S100 PRO (sy(114)	30	146800	3650	2.39	4.27e-08	208.1°/ 52.7°	440
8	CSX60S100 PRO (sy(349)	30	146800	3645	2.38	4.28e-08	208.1°/ 52.7°	440
9	CSX60S100 PRO (sy(325)	40	92890	1967	2.03	1.07e-07	174.9°/ 47.4°	434
10	CSX60S100 PRO (sy(121)	42	90060	1905	2.03	1.14e-07	115.5°/ 47.2°	440
11	CSX60S100 PRO (sy..(90)	40	92850	1966	2.03	1.07e-07	174.9°/ 47.4°	434
12	CSX60S100 PRO (sy(356)	42	90100	1905	2.03	1.14e-07	115.5°/ 47.2°	440
13	CSX60S100 PRO (sy..(82)	43	90960	1903	2.01	1.11e-07	115.1°/ 47.4°	452
14	CSX60S100 PRO (sy(317)	43	91000	1905	2.01	1.11e-07	115.1°/ 47.4°	452
15	CSX60S100 PRO (sy(348)	37	98140	2026	1.98	9.57e-08	174.5°/ 47.2°	440
16	CSX60S100 PRO (sy(113)	37	98110	2026	1.98	9.57e-08	174.5°/ 47.2°	440
17	CSX60S200 PRO (LL(118)	4	206800	1079	0.50	2.15e-08	218.4°/ 62.9°	440
18	CSX60S200 PRO (LL(353)	4	206600	1077	0.50	2.16e-08	218.4°/ 62.9°	440
19	CSX60S200 PRO (LL(126)	4	120100	364	0.29	6.39e-08	71.6°/ 62.9°	439

I(p) IO 19 Dietenbach OG 3, limit: k = (1926.82m / 1031.40m / 12.00m)

1	CSX60S100 PRO (sy(122)	60	109400	4008	3.52	7.70e-08	80.8°/ 56.2°	439
2	CSX60S100 PRO (sy(357)	60	109500	4009	3.51	7.68e-08	80.8°/ 56.2°	440
3	CSX60S100 PRO (sy..(81)	46	102600	2549	2.39	8.76e-08	86.8°/ 50.4°	452
4	CSX60S100 PRO (sy(316)	46	102600	2547	2.38	8.75e-08	86.8°/ 50.4°	452
5	CSX60S100 PRO (sy(349)	27	150200	3405	2.18	4.09e-08	208.1°/ 52.7°	440
6	CSX60S100 PRO (sy(114)	27	150200	3413	2.18	4.08e-08	208.1°/ 52.7°	440
7	CSX60S100 PRO (sy(324)	31	122800	2667	2.09	6.12e-08	205.2°/ 50.4°	434
8	CSX60S100 PRO (sy..(89)	31	122700	2667	2.09	6.12e-08	205.2°/ 50.4°	434
9	CSX60S100 PRO (sy(325)	28	93810	1417	1.45	1.05e-07	174.9°/ 47.4°	434
10	CSX60S100 PRO (sy..(90)	28	93780	1420	1.45	1.05e-07	174.9°/ 47.4°	433
11	CSX60S100 PRO (sy(356)	29	90910	1341	1.42	1.12e-07	115.5°/ 47.2°	440
12	CSX60S100 PRO (sy(121)	29	90860	1341	1.42	1.12e-07	115.5°/ 47.2°	439
13	CSX60S100 PRO (sy(113)	26	99180	1459	1.41	9.37e-08	174.5°/ 47.2°	439
14	CSX60S100 PRO (sy(348)	26	99200	1458	1.41	9.36e-08	174.5°/ 47.2°	440
15	CSX60S100 PRO (sy(317)	30	91760	1319	1.38	1.09e-07	115.1°/ 47.4°	452
16	CSX60S100 PRO (sy..(82)	30	91730	1319	1.38	1.10e-07	115.1°/ 47.4°	452
17	CSX60S200 PRO (LL(118)	4	214100	1158	0.52	2.01e-08	218.4°/ 62.9°	440
18	CSX60S200 PRO (LL(353)	4	213900	1155	0.52	2.01e-08	218.4°/ 62.9°	440
19	CSX60S200 PRO (LL(361)	4	121500	373	0.29	6.25e-08	71.6°/ 62.9°	439
20	CSX60S200 PRO (LL(126)	4	121400	373	0.29	6.26e-08	71.6°/ 62.9°	439

I(p) IO 20 Dietenbach EG, limit: k = 32(2078.86m / 928.43m / 4.70m)

1	CSX60S100 PRO (sy(106)	15	117700	55410	15.06	7.39e-09	29.2°/ 56.2°	192
2	CSX60S100 PRO (sy(341)	14	112000	44890	12.82	8.16e-09	29.2°/ 56.2°	192
3	CSX60S100 PRO (sy(122)	133	19690	7406	12.04	2.64e-07	80.8°/ 56.2°	261
4	CSX60S100 PRO (sy(357)	133	19710	7396	12.01	2.64e-07	80.8°/ 56.2°	261
5	CSX60S100 PRO (sy(300)	27	36510	7356	6.45	7.68e-08	25.2°/ 50.4°	219
6	CSX60S100 PRO (sy..(65)	27	36370	7302	6.43	7.74e-08	25.2°/ 50.4°	219
7	CSX60S100 PRO (sy(316)	68	19520	3181	5.22	2.69e-07	86.8°/ 50.4°	281
8	CSX60S100 PRO (sy..(81)	68	19510	3181	5.22	2.69e-07	86.8°/ 50.4°	281
9	CSX60S100 PRO (sy(324)	42	23590	3614	4.90	1.84e-07	205.2°/ 50.4°	251
10	CSX60S100 PRO (sy..(89)	42	23580	3613	4.90	1.84e-07	205.2°/ 50.4°	251
11	CSX60S100 PRO (sy..(90)	53	17870	2615	4.68	3.21e-07	174.9°/ 47.4°	251
12	CSX60S100 PRO (sy(325)	53	17880	2616	4.68	3.20e-07	174.9°/ 47.4°	251
13	CSX60S100 PRO (sy(356)	57	17340	2467	4.55	3.41e-07	115.5°/ 47.2°	261
14	CSX60S100 PRO (sy(121)	57	17330	2466	4.55	3.41e-07	115.5°/ 47.2°	261
15	CSX60S100 PRO (sy(114)	28	34780	4906	4.51	8.47e-08	208.1°/ 52.7°	261
16	CSX60S100 PRO (sy(349)	28	34750	4883	4.50	8.48e-08	208.1°/ 52.7°	261
17	CSX60S100 PRO (sy..(82)	60	18470	2510	4.35	3.00e-07	115.1°/ 47.4°	281
18	CSX60S100 PRO (sy(317)	60	18470	2508	4.34	3.00e-07	115.1°/ 47.4°	281
19	CSX60S100 PRO (sy(113)	45	20190	2629	4.17	2.51e-07	174.5°/ 47.2°	261
20	CSX60S100 PRO (sy(348)	45	20200	2627	4.16	2.51e-07	174.5°/ 47.2°	261

I(p) IO 20 Dietenbach OG 4, limit: k = (2078.86m / 928.43m / 16.70m)

1	CSX60S100 PRO (sy(122)	72	20090	4204	6.70	2.54e-07	80.8°/ 56.2°	260
2	CSX60S100 PRO (sy(357)	72	20110	4202	6.69	2.53e-07	80.8°/ 56.2°	260
3	CSX60S100 PRO (sy(300)	22	43180	8220	6.09	5.49e-08	25.2°/ 50.4°	219
4	CSX60S100 PRO (sy..(65)	22	42960	8118	6.05	5.55e-08	25.2°/ 50.4°	219
5	CSX60S100 PRO (sy(349)	24	37550	4841	4.13	7.26e-08	208.1°/ 52.7°	261
6	CSX60S100 PRO (sy(114)	24	37590	4846	4.12	7.25e-08	208.1°/ 52.7°	261
7	CSX60S100 PRO (sy(316)	51	19870	2510	4.04	2.59e-07	86.8°/ 50.4°	281
8	CSX60S100 PRO (sy..(81)	51	19860	2508	4.04	2.60e-07	86.8°/ 50.4°	281
9	CSX60S100 PRO (sy..(89)	29	24530	2725	3.55	1.70e-07	205.2°/ 50.4°	250
10	CSX60S100 PRO (sy(324)	29	24530	2721	3.55	1.70e-07	205.2°/ 50.4°	250
11	CSX60S200 PRO (LL(118)	4	120200	9343	2.49	7.09e-09	218.4°/ 62.9°	261
12	CSX60S100 PRO (sy(325)	27	18290	1413	2.47	3.06e-07	174.9°/ 47.4°	250
13	CSX60S100 PRO (sy..(90)	27	18280	1413	2.47	3.06e-07	174.9°/ 47.4°	250
14	CSX60S200 PRO (LL(353)	4	117800	8965	2.44	7.38e-09	218.4°/ 62.9°	261
15	CSX60S100 PRO (sy(348)	25	20740	1530	2.36	2.38e-07	174.5°/ 47.2°	261
16	CSX60S100 PRO (sy(113)	25	20730	1531	2.36	2.38e-07	174.5°/ 47.2°	260
17	CSX60S100 PRO (sy(121)	27	17650	1223	2.22	3.29e-07	115.5°/ 47.2°	260
18	CSX60S100 PRO (sy(356)	27	17670	1223	2.22	3.28e-07	115.5°/ 47.2°	260
19	CSX60S100 PRO (sy..(82)	26	18780	1154	1.97	2.90e-07	115.1°/ 47.4°	281
20	CSX60S100 PRO (sy(317)	26	18790	1153	1.96	2.90e-07	115.1°/ 47.4°	281

I(p) IO 21 Dietenbach EG, limit: k = 32(2154.66m / 877.05m / 4.70m)

1	CSX60S100 PRO (sy(301)	39	77900	94190	38.69	1.69e-08	354.9°/ 47.4°	156
2	CSX60S100 PRO (sy(122)	310	12200	14690	38.53	6.88e-07	80.8°/ 56.2°	175
3	CSX60S100 PRO (sy(357)	308	12220	14610	38.27	6.86e-07	80.8°/ 56.2°	175
4	CSX60S100 PRO (sy..(66)	38	74660	86030	36.87	1.84e-08	354.9°/ 47.4°	156
5	CSX60S200 PRO (LL(108)	64	19400	18070	29.81	2.72e-07	17.6°/ 58.6°	114
6	CSX60S200 PRO (LL(343)	62	19570	17890	29.25	2.67e-07	17.6°/ 58.6°	114
7	CSX60S100 PRO (sy(106)	65	12310	7472	19.43	6.76e-07	29.2°/ 56.2°	114
8	CSX60S100 PRO (sy(341)	65	12350	7458	19.32	6.71e-07	29.2°/ 56.2°	114
9	CSX60S100 PRO (sy..(65)	63	14130	5047	11.43	5.13e-07	25.2°/ 50.4°	155
10	CSX60S100 PRO (sy(300)	62	14150	5033	11.38	5.11e-07	25.2°/ 50.4°	155
11	CSX60S100 PRO (sy(114)	30	34750	11440	10.53	8.48e-08	208.1°/ 52.7°	176
12	CSX60S100 PRO (sy(349)	30	34580	11270	10.43	8.56e-08	208.1°/ 52.7°	176
13	CSX60S100 PRO (sy..(89)	54	15290	4768	9.98	4.38e-07	205.2°/ 50.4°	160
14	CSX60S100 PRO (sy(324)	54	15290	4764	9.97	4.38e-07	205.2°/ 50.4°	160
15	CSX60S100 PRO (sy..(90)	65	11380	3197	8.99	7.91e-07	174.9°/ 47.4°	160
16	CSX60S100 PRO (sy(325)	65	11390	3194	8.98	7.90e-07	174.9°/ 47.4°	160
17	CSX60S100 PRO (sy(316)	89	13420	3754	8.95	5.69e-07	86.8°/ 50.4°	204
18	CSX60S100 PRO (sy..(81)	89	13410	3748	8.94	5.70e-07	86.8°/ 50.4°	204
19	CSX60S100 PRO (sy(121)	75	11370	3092	8.70	7.92e-07	115.5°/ 47.2°	175
20	CSX60S100 PRO (sy(356)	75	11380	3092	8.70	7.91e-07	115.5°/ 47.2°	175

I(p) IO 21 Dietenbach OG 4, limit: k = (2154.66m / 877.05m / 16.70m)

1	CSX60S100 PRO (sy(122)	104	12480	5189	13.30	6.57e-07	80.8°/ 56.2°	174
2	CSX60S100 PRO (sy(357)	104	12500	5184	13.27	6.56e-07	80.8°/ 56.2°	175
3	CSX60S100 PRO (sy(114)	23	48240	16790	11.14	4.40e-08	208.1°/ 52.7°	175
4	CSX60S100 PRO (sy(349)	23	47750	16360	10.96	4.49e-08	208.1°/ 52.7°	175
5	CSX60S100 PRO (sy(106)	31	13630	4391	10.31	5.52e-07	29.2°/ 56.2°	113
6	CSX60S100 PRO (sy(341)	31	13690	4390	10.26	5.47e-07	29.2°/ 56.2°	113
7	CSX60S100 PRO (sy(316)	62	13690	2738	6.40	5.46e-07	86.8°/ 50.4°	204
8	CSX60S100 PRO (sy..(81)	62	13690	2736	6.40	5.47e-07	86.8°/ 50.4°	204
9	CSX60S100 PRO (sy(300)	32	15000	2909	6.21	4.55e-07	25.2°/ 50.4°	155
10	CSX60S100 PRO (sy..(65)	32	14970	2899	6.20	4.57e-07	25.2°/ 50.4°	155
11	CSX60S100 PRO (sy(324)	28	16290	2861	5.62	3.86e-07	205.2°/ 50.4°	159
12	CSX60S100 PRO (sy..(89)	28	16280	2857	5.61	3.86e-07	205.2°/ 50.4°	159
13	CSX60S100 PRO (sy..(90)	30	11760	1598	4.35	7.40e-07	174.9°/ 47.4°	159
14	CSX60S100 PRO (sy(325)	30	11770	1594	4.33	7.39e-07	174.9°/ 47.4°	159
15	CSX60S100 PRO (sy(113)	26	15130	1923	4.07	4.47e-07	174.5°/ 47.2°	175
16	CSX60S100 PRO (sy(348)	26	15130	1918	4.06	4.47e-07	174.5°/ 47.2°	175
17	CSX60S100 PRO (sy(121)	29	11650	1267	3.48	7.54e-07	115.5°/ 47.2°	175
18	CSX60S100 PRO (sy(356)	29	11660	1262	3.46	7.53e-07	115.5°/ 47.2°	175
19	CSX60S100 PRO (sy(317)	29	13680	1285	3.01	5.47e-07	115.1°/ 47.4°	204
20	CSX60S100 PRO (sy..(82)	29	13670	1283	3.00	5.48e-07	115.1°/ 47.4°	204

I(p) IO 22 Dietenbach EG, limit: k = 16(2223.56m / 830.24m / 5.40m)

1	CSX60S100 PRO (sy(309)	810	30690	459200	2393.64	2.72e-06	295.1°/ 47.4°	25
2	CSX60S100 PRO (sy..(74)	804	30080	434500	2311.29	2.83e-06	295.1°/ 47.4°	26
3	CSX60S200 PRO (LL(313)	370	29420	191800	1043.23	2.96e-06	317.2°/ 65.9°	26
4	CSX60S100 PRO (sy(106)	3950	23950	154300	1031.03	4.46e-06	29.2°/ 56.2°	76
5	CSX60S100 PRO (sy(341)	3900	23920	152500	1020.22	4.48e-06	29.2°/ 56.2°	76
6	CSX60S200 PRO (LU.(78)	368	28150	173100	983.98	3.23e-06	317.2°/ 65.9°	26
7	CSX60S100 PRO (sy(122)	3735	33170	142600	687.79	2.33e-06	80.8°/ 56.2°	106
8	CSX60S100 PRO (sy(357)	3709	33200	141700	682.86	2.32e-06	80.8°/ 56.2°	106
9	CSX60S200 PRO (LU.(94)	2054	23800	73640	495.08	4.52e-06	152.8°/ 65.9°	79
10	CSX60S200 PRO (LL(329)	2040	23840	73080	490.53	4.51e-06	152.8°/ 65.9°	79
11	CSX60S200 PRO (LL(345)	951	22700	33660	237.23	4.97e-06	38.4°/ 62.9°	75
12	CSX60S200 PRO (LL(110)	952	22730	33670	236.97	4.95e-06	38.4°/ 62.9°	76
13	CSX60S100 PRO (sy..(90)	223	28220	11240	63.72	3.21e-06	174.9°/ 47.4°	79
14	CSX60S100 PRO (sy(325)	222	28260	11170	63.25	3.21e-06	174.9°/ 47.4°	79
15	CSX60S100 PRO (sy(105)	145	32060	10140	50.61	2.49e-06	354.5°/ 47.2°	76
16	CSX60S100 PRO (sy(340)	145	32060	10130	50.56	2.49e-06	354.5°/ 47.2°	76
17	CSX60S200 PRO (LU.(91)	106	43800	12770	46.64	1.33e-06	208.6°/ 57.6°	79
18	CSX60S200 PRO (LL(326)	105	43740	12600	46.09	1.34e-06	208.6°/ 57.6°	79
19	CSX60S200 PRO (LL(342)	105	37260	9904	42.53	1.84e-06	343.9°/ 56.2°	76
20	CSX60S200 PRO (LL(107)	103	37220	9723	41.80	1.85e-06	343.9°/ 56.2°	76

I(p) IO 22 Dietenbach OG 4, limit: k = (2223.56m / 830.24m / 17.40m)

1	CSX60S100 PRO (sy(106)	349	24600	14930	97.12	4.23e-06	29.2°/ 56.2°	74
2	CSX60S100 PRO (sy(341)	347	24570	14900	97.04	4.24e-06	29.2°/ 56.2°	74
3	CSX60S100 PRO (sy(357)	286	34000	11700	55.06	2.21e-06	80.8°/ 56.2°	105
4	CSX60S100 PRO (sy(122)	281	33970	11470	54.03	2.22e-06	80.8°/ 56.2°	105
5	CSX60S100 PRO (sy..(89)	28	47000	4091	13.93	1.16e-06	205.2°/ 50.4°	77
6	CSX60S100 PRO (sy(324)	28	46910	4062	13.85	1.16e-06	205.2°/ 50.4°	78
7	CSX60S100 PRO (sy(340)	30	35520	2650	11.94	2.03e-06	354.5°/ 47.2°	74
8	CSX60S100 PRO (sy(105)	30	35500	2627	11.84	2.03e-06	354.5°/ 47.2°	74
9	CSX60S100 PRO (sy..(90)	36	29970	2121	11.32	2.85e-06	174.9°/ 47.4°	77
10	CSX60S100 PRO (sy(325)	36	30000	2113	11.27	2.84e-06	174.9°/ 47.4°	77
11	CSX60S100 PRO (sy(300)	57	45370	2742	9.67	1.24e-06	25.2°/ 50.4°	129
12	CSX60S100 PRO (sy..(65)	57	45400	2732	9.63	1.24e-06	25.2°/ 50.4°	129
13	CSX60S100 PRO (sy..(81)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149
14	CSX60S100 PRO (sy(316)	69	48490	2862	9.44	1.09e-06	86.8°/ 50.4°	149
15	CSX60S100 PRO (sy(348)	25	64710	3706	9.16	6.11e-07	174.5°/ 47.2°	106
16	CSX60S100 PRO (sy(113)	25	64920	3701	9.12	6.07e-07	174.5°/ 47.2°	106
17	CSX60S100 PRO (sy(121)	35	35510	1540	6.94	2.03e-06	115.5°/ 47.2°	105
18	CSX60S100 PRO (sy(356)	34	35520	1515	6.82	2.03e-06	115.5°/ 47.2°	105
19	CSX60S100 PRO (sy..(66)	25	61760	2255	5.84	6.71e-07	354.9°/ 47.4°	129
20	CSX60S100 PRO (sy(301)	25	61780	2251	5.83	6.71e-07	354.9°/ 47.4°	129

I(p) IO 23 Dietenbach EG, limit: k = 32(2294.82m / 879.88m / 5.50m)

1	CSX60S100 PRO (sy(357)	2761	10000	103200	330.11	1.02e-06	80.8°/ 56.2°	162
2	CSX60S100 PRO (sy(122)	2754	10010	103000	329.27	1.02e-06	80.8°/ 56.2°	162
3	CSX60S100 PRO (sy(106)	2161	9939	82710	266.30	1.04e-06	29.2°/ 56.2°	159
4	CSX60S100 PRO (sy(341)	2150	9929	82310	265.27	1.04e-06	29.2°/ 56.2°	159
5	CSX60S100 PRO (sy..(90)	54	53140	120100	72.32	3.63e-08	174.9°/ 47.4°	112
6	CSX60S100 PRO (sy(325)	54	50360	107300	68.18	4.04e-08	174.9°/ 47.4°	112
7	CSX60S200 PRO (LL(327)	70	29000	46190	50.97	1.22e-07	170.6°/ 56.8°	112
8	CSX60S200 PRO (LU.(92)	69	29580	47070	50.92	1.17e-07	170.6°/ 56.8°	112
9	CSX60S200 PRO (LL(115)	39	82470	96880	37.59	1.51e-08	163.9°/ 56.2°	163
10	CSX60S200 PRO (LL(350)	38	78790	86910	35.30	1.65e-08	163.9°/ 56.2°	163
11	CSX60S300 PRO (LU.(80)	13	57860	37440	20.70	3.06e-08	305.6°/ 66.8°	107
12	CSX60S300 PRO (LL(315)	10	54760	26870	15.70	3.41e-08	305.6°/ 66.8°	107
13	CSX60S100 PRO (sy(340)	55	12600	3400	8.63	6.45e-07	354.5°/ 47.2°	159
14	CSX60S100 PRO (sy(105)	55	12610	3389	8.60	6.44e-07	354.5°/ 47.2°	159
15	CSX60S100 PRO (sy(356)	58	12160	3211	8.45	6.93e-07	115.5°/ 47.2°	162
16	CSX60S100 PRO (sy(121)	58	12170	3214	8.45	6.91e-07	115.5°/ 47.2°	162
17	CSX60S200 PRO (LL(313)	21	14750	3844	8.34	4.70e-07	317.2°/ 65.9°	107
18	CSX60S100 PRO (sy(300)	84	14120	3596	8.15	5.13e-07	25.2°/ 50.4°	213
19	CSX60S100 PRO (sy..(65)	83	14130	3588	8.12	5.13e-07	25.2°/ 50.4°	213
20	CSX60S200 PRO (LU.(78)	20	14730	3712	8.07	4.72e-07	317.2°/ 65.9°	107

I(p) IO 23 Dietenbach OG 5, limit: k = (2294.82m / 879.88m / 20.50m)

1	CSX60S100 PRO (sy(357)	130	10250	5162	16.12	9.75e-07	80.8°/ 56.2°	161
2	CSX60S100 PRO (sy(122)	130	10250	5132	16.01	9.74e-07	80.8°/ 56.2°	161
3	CSX60S100 PRO (sy(106)	120	10190	4866	15.28	9.86e-07	29.2°/ 56.2°	158
4	CSX60S100 PRO (sy(341)	119	10180	4835	15.19	9.87e-07	29.2°/ 56.2°	158
5	CSX60S200 PRO (LL(336)	4	102200	18130	5.68	9.81e-09	315.8°/ 64.7°	159
6	CSX60S200 PRO (LL(101)	4	96410	16110	5.35	1.10e-08	315.8°/ 64.7°	159
7	CSX60S100 PRO (sy(316)	52	14490	2328	5.14	4.88e-07	86.8°/ 50.4°	214
8	CSX60S100 PRO (sy..(81)	52	14500	2325	5.13	4.87e-07	86.8°/ 50.4°	214
9	CSX60S100 PRO (sy(300)	50	14510	2265	5.00	4.87e-07	25.2°/ 50.4°	212
10	CSX60S100 PRO (sy..(65)	50	14520	2263	4.99	4.86e-07	25.2°/ 50.4°	212
11	CSX60S100 PRO (sy(105)	25	13360	1755	4.20	5.74e-07	354.5°/ 47.2°	158
12	CSX60S100 PRO (sy(340)	25	13350	1750	4.19	5.74e-07	354.5°/ 47.2°	158
13	CSX60S100 PRO (sy(356)	23	12780	1436	3.60	6.27e-07	115.5°/ 47.2°	161
14	CSX60S100 PRO (sy(121)	23	12800	1438	3.60	6.25e-07	115.5°/ 47.2°	161
15	CSX60S100 PRO (sy..(82)	26	17580	1684	3.07	3.31e-07	115.1°/ 47.4°	215
16	CSX60S100 PRO (sy(317)	26	17560	1682	3.07	3.32e-07	115.1°/ 47.4°	215
17	CSX60S100 PRO (sy(301)	23	18410	1719	2.99	3.02e-07	354.9°/ 47.4°	212
18	CSX60S100 PRO (sy..(66)	23	18410	1716	2.98	3.02e-07	354.9°/ 47.4°	212
19	CSX60S300 PRO (LU.(96)	4	24290	1966	2.59	1.74e-07	164.4°/ 66.8°	111
20	CSX60S300 PRO (LL(331)	4	23930	1910	2.55	1.79e-07	164.4°/ 66.8°	111

I(p) IO 23 Dietenbach OG 11, limit: k =(2294.82m / 879.88m / 38.50m)

1	CSX60S300 PRO (LU.(96)	4	90830	26810	9.45	1.24e-08	164.4°/ 66.8°	112
2	CSX60S300 PRO (LL(331)	4	77020	19290	8.01	1.73e-08	164.4°/ 66.8°	112
3	CSX60S100 PRO (sy(122)	47	10770	2025	6.02	8.83e-07	80.8°/ 56.2°	162
4	CSX60S100 PRO (sy(357)	47	10760	2021	6.01	8.84e-07	80.8°/ 56.2°	162
5	CSX60S100 PRO (sy(106)	41	10730	1802	5.38	8.90e-07	29.2°/ 56.2°	159
6	CSX60S100 PRO (sy(341)	40	10720	1797	5.37	8.92e-07	29.2°/ 56.2°	159
7	CSX60S100 PRO (sy(340)	23	14770	1972	4.27	4.70e-07	354.5°/ 47.2°	159
8	CSX60S100 PRO (sy(105)	23	14770	1968	4.26	4.69e-07	354.5°/ 47.2°	159
9	CSX60S100 PRO (sy(121)	23	13950	1689	3.87	5.26e-07	115.5°/ 47.2°	162
10	CSX60S100 PRO (sy(356)	23	13940	1686	3.87	5.27e-07	115.5°/ 47.2°	162
11	CSX60S200 PRO (LL(313)	4	28430	3101	3.49	1.27e-07	317.2°/ 65.9°	107
12	CSX60S200 PRO (LU.(78)	4	28050	3007	3.43	1.30e-07	317.2°/ 65.9°	107
13	CSX60S100 PRO (sy(301)	23	19840	1981	3.20	2.60e-07	354.9°/ 47.4°	213
14	CSX60S100 PRO (sy..(66)	23	19840	1978	3.19	2.60e-07	354.9°/ 47.4°	213
15	CSX60S100 PRO (sy(317)	23	18760	1733	2.96	2.91e-07	115.1°/ 47.4°	215
16	CSX60S100 PRO (sy..(82)	23	18780	1735	2.96	2.90e-07	115.1°/ 47.4°	215
17	CSX60S100 PRO (sy..(81)	26	15140	1234	2.61	4.47e-07	86.8°/ 50.4°	215
18	CSX60S100 PRO (sy(316)	26	15130	1235	2.61	4.47e-07	86.8°/ 50.4°	215
19	CSX60S100 PRO (sy(300)	23	15170	1160	2.45	4.45e-07	25.2°/ 50.4°	213
20	CSX60S100 PRO (sy..(65)	23	15180	1159	2.44	4.44e-07	25.2°/ 50.4°	213