

**Lichttechnische Untersuchung
zum Bebauungsplan Nr. 127
„Sportanlage auf dem Pfennig“ in Mettmann**

Bericht FB 6149-2 vom 27.07.2009

Auftraggeber: Stadt Mettmann
Planungsamt
Neanderstraße 85
40822 Mettmann

Bericht-Nr.: FB 6149-2

Datum: 27.07.2009

Niederlassung: Düsseldorf

Ref.: SB/ HK

Beratende Ingenieure VBI

Messstelle nach
§ 26 BImSchG zur
Ermittlung der Emissionen
und Immissionen von
Geräuschen und
Erschütterungen.

VMPA Güteprüfstelle
für den Schallschutz im
Hochbau.

Anschriften:

Kolberger Straße 19
40599 Düsseldorf
Tel. +49 211 999 582 60
Fax +49 211 999 582 70
dus@peutz.de

Leitung:
Dipl.-Phys. Axel Hübel
Dipl.-Ing. Heiko Kremer
Staatlich anerkannter
Sachverständiger für
Schall- und Wärmeschutz

Simrockallee 2
53173 Bonn-Bad Godesberg
Tel. +49 228 96 10 555
Fax +49 228 96 10 554
bonn@peutz.de

Leitung:
Dipl.-Ing. Franz Breuer
Staatlich anerkannter
Sachverständiger für
Schall- und Wärmeschutz

Knesebeckstraße 93
10623 Berlin
Tel. +49 30 310 172 16
Fax +49 30 310 172 40
berlin@peutz.de

Leitung:
Dipl.-Ing.
Ralf Bauer-Diefenbach

Geschäftsführer:

Dipl.-Ing. Gerard Perquin
Dipl.-Ing. Jan Granneman
Dipl.-Ing. Ferry Koopmans
AG Düsseldorf
HRB Nr. 22586
Ust-IdNr.: DE 119424700

Bankverbindungen:

Deutsche Bank Düsseldorf
Konto-Nr.: 6 100 770
BLZ 300 700 10

Stadt-Sparkasse Düsseldorf
Konto-Nr.: 220 241 94
BLZ 300 501 10

Stadt-Sparkasse KölnBonn
Konto-Nr.: 1900 485 762
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1 Situation und Aufgabenstellung

Die Stadt Mettmann plant den Bau eines neuen Sportzentrums in Mettmann-Metzkausen. Mit der Aufstellung des Bebauungsplanes Nr. 127 "Sportanlage auf dem Pfennig" soll die planungsrechtliche Absicherung der Ansiedlung einer Sportanlage mit zugehöriger Beleuchtungsanlage geschaffen werden. Hierzu wurde bereits in dem Bericht FA 6149-1 vom 04.05.2009 von der Peutz Consult GmbH eine lichttechnische Voruntersuchung durchgeführt.

Aufgrund der Optimierung der Planung, u. a. die Lichtpunkthöhen der Flutlichtanlagen sowie zum Teil deren Lage betrifft, ist eine erneute lichttechnischen Untersuchung durchzuführen.

Ein Übersichtslageplan der örtlichen Gegebenheiten ist in der Anlage 1 wiedergegeben.

2 Bearbeitungsgrundlagen, zitierte Normen und Richtlinien

Titel / Beschreibung / Bemerkung			Kat.	Datum
[1]	BImSchG Bundes-Immissionsschutzgesetz	Gesetz zum Schutz vor schädlichen Umwelteinwirkungen durch Luftverunreinigungen, Geräusche, Erschütterungen und ähnliche Vorgänge	G	Aktuelle Fassung
[2]	Lichtimmissionen, Messung, Beurteilung und Verminderung Gemeinsamer RdErl. des Ministeriums für Umwelt und Naturschutz, Landwirtschaft und Verbraucherschutz, des Ministeriums für Wirtschaft und Mittelstand, Energie und Verkehr und des Ministeriums für Städtebau und Wohnen, Kultur und Sport	Ministerialblatt NRW – Nr. 64 vom 02.11.2000	RdErl.	13.09.2000
[3]	DIN EN 12464-2	Licht und Beleuchtung- Beleuchtung von Arbeitsstätten- Teil 2: Arbeitsplätze im Freien; Deutsche Fassung EN 12464-2:2007	N	Juli 2007
[4]	Lageplan Sportzentrum Mettmann	Zur Verfügung gestellt über Geo3 GmbH, Bedburg	P	Stand 10.07.2009
[5]	Dimensionierung der Spielfeldbeleuchtung für das Sportzentrum Mettmann	Philips AEG Licht GmbH, Springe ,zur Verfügung gestellt über Geo3 GmbH	P	Stand 11.06.2008
[6]	Lichttechnische Untersuchung zum Bebauungsplan Nr. 127 „Sportanlage auf dem Pfennig“ in Mettmann	Bericht FA 6149-1 vom 04.05.2009, Peutz Consult GmbH, Düsseldorf	P	04.05.2009

Kategorien:

G	Gesetz	N	Norm
V	Verordnung	RIL	Richtlinie
VV	Verwaltungsvorschrift	Lit	Buch, Aufsatz, Bericht
RdErl.	Runderlass	P	Planunterlagen / Betriebsangaben

3 Örtliche Gegebenheiten

Das Gebiet des Bebauungsplanes Nr. 127 "Sportanlage Auf dem Pfennig" befindet sich nördlich / östlich der Hasseler Straße L156 und des Heinrich-Heine-Gymnasiums in Mettmann-Metzkausen. Innerhalb des Geltungsbereiches des Bebauungsplanes befindet sich bereits eine Tennissportanlage, die mit der Aufstellung des Bebauungsplanes überplant wird.

Im Vergleich zu der in der Untersuchung vom 04.05.2009 [6] zu Grunde liegenden Planung sind aus lichttechnischer Sicht insbesondere die Höhenänderungen der Werferanlage und der Tennisfelder einer Tenniswand sowie die Neuordnung der Tennisfelder und die geänderte Masthöhe der Beleuchtungsanlage der Werferanlage zu nennen. Die geplante Sportanlage besteht weiterhin, wie in Anlage 1 dargestellt, aus drei Fußballfeldern (2 Kunstrasen-Hauptspielfelder und ein weiteres optionales Naturrasenspielfeld), einem Hockeyspielfeld, einem Beachvolleyballfeld, der Erweiterung der vorhandenen Tennishalle und 12 Tennis-spielfeldern sowie optional dem Erweiterungsbau einer Hockeyhalle. Zur Anlage gehören ebenso Vereinsgebäude mit Umkleiden bzw. Gastronomiebetrieb. Parkplätze stehen im Eingangsbereich am Vereinsgebäude sowie auf der überbaubaren Fläche östlich des Parkplatzes zur Verfügung.

Weiterhin sind Beleuchtungsanlagen für die 2 Fußballspielfelder, dem Hockeyplatz, der Tennisanlage sowie der Werferanlage vorgesehen.

Die zu Grunde liegende Beleuchtungsplanung ist weiterhin die Lichtplanung der Philips AEG Licht GmbH [5]. Im vorliegenden Fall werden die geänderte Lage der Beleuchtungsanlagen sowie die Höhen der Lichtpunkthöhen entsprechend der Planungsänderung angepasst. Die wesentlichen Parameter der Planungen sind nachfolgend aufgeführt:

Fußball (2 Plätze):

- Beleuchtungsanlage mit Planflächen-Scheinwerfern Philips Optivision, 12x MVP507 NB/60; 20x MVP507 MB/60; MHN-LA 2000/842
- 6 Masten, mittlere Lichtpunkthöhe 18 m über Spielfeld
- je Außenmast 3 Scheinwerfer auf Traversen; je Innenmast 8 Scheinwerfer auf Traversen
- insgesamt 32 Scheinwerfer
- Horizontale Beleuchtungsstärke auf Spielfeldebene ca. 180 lx

Hockey:

- Beleuchtungsanlage mit Planflächen-Scheinwerfern Philips Optivision, 8x MVP507 NB/60; 8x MVP507 WB/60; MHN-LA 2000/842

- 4 Masten, mittlere Lichtpunkthöhe 16 m über Spielfeld
- je Mast 4 Scheinwerfer
- insgesamt 16 Scheinwerfer
- Horizontale Beleuchtungsstärke auf Spielfeldebene ca. 260 lx

Tennisplätze (12 Stück):

- Beleuchtungsanlage mit Scheinwerfern Philips OptiFlood, 12x MVP506 A/60 +SK (je Platz); HPI-TP400W SGR
- 4 Masten je Platz, mittlere Lichtpunkthöhe 8 m über Spielfeld
- je Mast 3 Scheinwerfer
- insgesamt 12 Scheinwerfer je Platz, alle Plätze: 144 Scheinwerfer
- Horizontale Beleuchtungsstärke auf Spielfeldebene ca. 200 lx

Werferanlage:

- Beleuchtungsanlage mit Planflächen-Scheinwerfern Philips Optivision, 1x MVP507 NB/60; 1x MVP507 WB/60; MHN-LA 2000/842
- 1 Mast, mittlere Lichtpunkthöhe 18 m über Werferfeld
- je Mast 2 Scheinwerfer
- insgesamt 2 Scheinwerfer
- Horizontale Beleuchtungsstärke auf Feldebene ca. 29 lx

Die geplante Spielfeldbeleuchtung und die nähere Umgebung sind in Anlage 2 dargestellt. Darin sind auch die Lichtpunkte der einzelnen Scheinwerfer und die Immissionsorte (IO 1 bis IO 10) dargestellt. Die genauen Positionen und Ausrichtungen der Scheinwerfer sind im Datenanhang dokumentiert.

Im Zuge der lichttechnischen Untersuchung werden die Lichtimmissionen durch eine worst-case Abbildung der Beleuchtungssituation, d.h. paralleler Betrieb aller Beleuchtungsanlagen des Sportzentrums, auf die umliegende Wohnnutzung untersucht.

4 Beurteilungsgrundlagen

4.1 Beurteilungsgrundlagen für die umliegende Bebauung

Beurteilungsgrundlage für die Wirkung von Lichtimmissionen auf Menschen durch Licht emittierende Anlagen ist ein gemeinsamer Runderlass des MUNLV des MWMEV und des MSWKS in NRW vom 13.09.2000 [2]. Als Licht emittierende Anlagen sind u. a. explizit Scheinwerfer zur Beleuchtung von Sportstätten als Anwendungsfall des Erlasses zitiert.

Gesundheitsschäden durch Beleuchtungsanlagen von Sportstätten sind im allgemeinen nicht zu erwarten. Schädliche Umwelteinwirkungen können aber auch durch erhebliche Belästigungen der Nachbarschaft hervorgerufen werden. Um dies zu vermeiden, sind in der Lichtimmissionsrichtlinie NRW Immissionsrichtwerte bezüglich der zulässigen Raumaufhellung im Inneren von Wohnbereichen und der Blendung durch einzelne Lichtquellen geregelt.

Raumaufhellung

Mess- und Beurteilungsgröße für die Raumaufhellung ist die mittlere Beleuchtungsstärke E_F in der Fensterebene von Wohnungen, bzw. bei Balkonen bzw. Terrassen an den Begrenzungsflächen der Wohnnutzungen. Die Werte gelten für die Situation bei geöffnetem Fenster, parallel zur normalen der Wandflächen und bei ausgeschalteter Zimmerbeleuchtung. Die folgenden Immissionsrichtwerte der mittleren Beleuchtungsstärke E_F sind einzuhalten.

Tabelle 4.1: Immissionsrichtwerte der Beleuchtungsstärke

Immissionsort	Beleuchtungsstärke E_F in lx	
	06.00 – 22.00 Uhr	22.00 – 06.00 Uhr
Kurgebiete, Krankenhäuser, Pflegeanstalten	1	1
Reine, allgemeine, besondere Wohngebiete, Kernsiedlungsgebiete, Erholungsgebiete	3	1
Dorfgebiete, Mischgebiete	5	1
Kerngebiete, Gewerbegebiete, Industriegebiete	15	5

Wird die mittlere Beleuchtungsstärke am Immissionsort maßgeblich durch andere Lichtquellen bestimmt, sollen Maßnahmen an der zu beurteilenden Beleuchtungsanlage so lange ausgesetzt werden, wie die Anlage nicht wesentlich zur Gesamt-Beleuchtungsstärke beiträgt.

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

Wird die Anlage seltener oder kürzer betrieben, bzw. über Bewegungsmelder geschaltet, sind Einzelfallbetrachtungen anzustellen. Besondere Regelungen sieht die Lichtimmissionsrichtlinie für wechselnde Betriebszustände (Wechsellichtsituationen), intensiv farbiges Licht und sonstige Auffälligkeiten vor.

Blendung

Als Bewertungsmaßstab zur Beurteilung der Blendung wird die maximal tolerable mittlere Leuchtdichte einer Blendlichtquelle $L_{\max}$ definiert zu:

$$L_{\max} = k \sqrt{\frac{L_u}{\Omega_s}}$$

Darin bedeuten:

- $L_{\max}$ = Immissionsrichtwert: maximal tolerable Leuchtdichte einer Blendlichtquelle in cd/m^2 , gemittelt über den zugehörigen Raumwinkel Ω_s
- k = Proportionalitätsfaktor
- L_u = maßgebende Leuchtdichte in der Umgebung der Blendlichtquelle in cd/m^2 ;
 $L_u \geq 0,1 \text{ cd/m}^2$
- Ω_s = Raumwinkel der vom Immissionsort aus gesehenen Blendlichtquelle in sr

Dabei werden folgende Werte des Proportionalitätsfaktors k zur Festlegung der Immissionsrichtwerte herangezogen:

Tabelle 4.2: Proportionalitätsfaktoren zur Ermittlung der maximal tolerablen Leuchtdichte

Immissionsort	Proportionalitätsfaktor k		
	06.00 – 20.00 Uhr	20.00 – 22.00 Uhr	22.00 – 06.00 Uhr
Kurgebiete, Krankenhäuser, Pflegeanstalten	32	32	32
Reine, allgemeine, besondere Wohngebiete, Kernsiedlungsgebiete, Erholungsgebiete	96	64	32
Dorfgebiete, Mischgebiete	160	160	32
Kerngebiete, Gewerbegebiete, Industriegebiete	-	-	160

Auch bezüglich der Blendung sind besondere Regelungen für geringe Einschaltdauer oder Einschalthäufigkeit, Wechsellicht, besondere auffällige Situationen oder blitzlichtartige Vorgänge vorgesehen.

Im vorliegenden Fall ist eine reguläre Nutzung nur bis 22:00 Uhr vorgesehen.

Grundsätzlich sieht der Ministerialerlass die Ermittlung der gemittelten Leuchtdichte jeder einzelnen Blendlichtquelle für jeden Immissionsort durch Messung vor. Im vorliegenden Fall wird im Rahmen der Planung eine rechnerische Ermittlung der mittleren Leuchtdichte über die Lichtstärke der geplanten Scheinwerfer vorgenommen.

Im Fall von Überschreitungen der zulässigen Beleuchtungsstärke in Fensterebene oder der maximal tolerablen mittleren Leuchtdichte von Blendlichtquellen werden im Ministerialerlass folgende Minderungsmaßnahmen als Möglichkeiten vorgeschlagen:

- Optimierte Wahl des Scheinwerferstandortes zur Minimierung der Lichtimmissionen in der Nachbarschaft;
- Vermeidung einer direkten Blickverbindung zwischen Scheinwerfer und Immissionsorten;
- Ggf. Vorstehung von Blenden an den Scheinwerfern;
- Verwendung von Scheinwerfern mit asymmetrischer Lichtverteilung, insbesondere für größere Sportplätze;
- Vermeidung von zeitlich veränderlichem Licht, z.B. bei Leuchtreklamen, soweit dies mit dem Zweck der Anlage zu vereinbaren ist;
- Abdunkelung von Lichtimmissionen aus Gebäuden, z.B. aus beleuchteten Arbeitsräumen und Gewächshäusern, durch Abdunkelungsmaßnahmen wie Rollos, Jalousien, etc.

5 Durchführung der Lichtimmissionsprognose

5.1 Vorbemerkungen

Die Lichtimmissionen an den nächstgelegenen Nutzungen im Umfeld der Sportplätze erfolgt mit Hilfe eines digitalen Simulations- und Ausbreitungsmodells mit dem Programm Calculux Area 6.7.2. In dem digitalen Simulationsmodell, das im Datenanhang beschrieben ist, sind die Sportplätze mit Beleuchtungseinrichtungen, die maßgebende nächstgelegene Bebauung sowie die Abschirmung durch dazwischen gelegene Gebäude enthalten. Die Topographie bzw. Geländehöhen wurden ebenfalls berücksichtigt.

Die Lichtimmissionsprognose wird auf Basis der Beleuchtungsplanung der Philips AEG Licht GmbH [5] durchgeführt.

Anforderungen an die Raumaufhellung

Die Positionen, Abstrahleigenschaften und Ausrichtungen der einzelnen Scheinwerfer werden aus der Lichtplanung unverändert übernommen. Bezüglich der Anforderungen an die Begrenzung der Raumaufhellung wird jeweils die Beleuchtungsstärke aus der Summe aller Scheinwerfer bei einem gleichzeitigen Betrieb aller Beleuchtungsanlagen (worst-case) angesetzt. Die Beleuchtungsstärke wird an 5 maßgebenden, nächstgelegenen Immissionsorten (IO 01; IO 06 bis 09) berechnet. Die übrigen Immissionsorte sind aufgrund ihrer größeren Entfernung zu den Beleuchtungsanlagen nicht maßgebend.

Anforderungen an die Blendung

Bezüglich der Anforderungen an die Blendung wird zusätzlich die Leuchtdichte jedes einzelnen Scheinwerfers rechnerisch ermittelt und mit den jeweils zulässigen Werten gemäß Lichtimmissionsrichtlinie [2] verglichen. Dies erfolgt hier, wie in Kapitel 4 beschrieben, für den Tageszeitraum zwischen 6.00 Uhr und 22.00 Uhr für 10 Immissionsorte im Umfeld der Beleuchtungsanlagen.

Bei der Berechnung der maximal tolerablen mittleren Leuchtdichte wird für alle Blendlichtquellen jeweils vom Mindestwert der Umgebungsleuchtdichte gemäß [2] ($L_u = 0,1 \text{ cd/m}^2$) ausgegangen (worst-case). Die vorhandene mittlere Leuchtdichte wird auf Grund der berechneten Lichtstärke der einzelnen Scheinwerfer und des Raumwinkels berechnet und gemäß dem in Kap. 5.3.1.1 der Lichtimmissionsrichtlinie beschriebenen Verfahrens ermittelt.

5.2 Beleuchtungsstärke im Umfeld

Die Ergebnisse der Berechnung der Beleuchtungsstärke im Umfeld des Sportzentrums für den Parallelbetrieb aller geplanten Beleuchtungsanlagen des Sportzentrums Mettmann (Beleuchtung für 2 Fußballplätze, 1 Hockeyplatz, 12 Tennisplätze und 1 Werferanlage) sind in der nachfolgenden Tabelle 5.1 zusammengestellt.

Tabelle 5.1: Berechnungsergebnisse Beleuchtungsstärke paralleler Betrieb auf allen Plätzen

Immissionsort (IO)	Nutzung	Gebietsfestsetzung / Schutzbedürftigkeit	Immissionsrichtwert Beleuchtungsstärke E_F tags [lx]	Berechnete Beleuchtungsstärke E_F [lx]	Einhaltung Immissionsrichtwert tags
IO 01	Wohnen	MI	5	1,3	Ja
IO 06		WA	3	0,5	Ja
IO 07		WA		0,2	Ja
IO 08		WR		0,3	Ja
IO 09		MI	5	0,2	Ja

Aus der Tabelle 5.1 geht hervor, dass für den Fall der parallelen Beleuchtung aller Plätze bis 22.00 Uhr der zulässige Immissionsrichtwert der Beleuchtungsstärke an allen Immissionsorten im Umfeld eingehalten wird.

5.3 Bewertung der Blendwirkung für die umliegende Bebauung

Analog zur Bewertung der Beleuchtungsstärke / Raumauhellung sind auch zur Blendung in der Lichtimmissionsrichtlinie Immissionsrichtwerte in Abhängigkeit von der Gebietsfestsetzung definiert.

Die Bewertung für die umliegende Bebauung erfolgt durch einen Vergleich mit der aus der Lichtstärke und dem Raumwinkel bestimmten Leuchtdichte der Scheinwerfer und dem hieraus zu bestimmenden vorhandenen Proportionalitätsfaktor k mit dem Immissionsrichtwert der maximal tolerablen Leuchtdichte bzw. Proportionalitätsfaktor gem. Lichtimmissionsrichtlinie.

Die Berechnung erfolgte für die Immissionsorte IO 01 bis IO 10.

Neben der Lichtstärke ist der Raumwinkel der Blendlichtquelle für die Beurteilung der Blendung relevant. Daher muss nicht unbedingt der Scheinwerfer, der am Empfänger die höchste Lichtstärke hervorruft, auch maßgebend für die Blendwirkung sein. Daher wurden für diese vorgenannten Gebäude die Leuchtdichte für alle Einzelscheinwerfer berechnet und jeweils mit der maximalen tolerablen Leuchtdichte verglichen.

In der nachfolgenden Tabelle 5.2 sind für die Immissionsorte IO 01 bis IO 10 die maßgeblichen Berechnungsergebnisse der Leuchtdichte und des Proportionalitätsfaktors dargestellt. Die detaillierten Berechnungsergebnisse sind dem Datenanhang zu entnehmen.

Tabelle 5.2: Berechnungsergebnisse Leuchtdichte Immissionsorte IO 01 bis IO 10: Scheinwerfer mit dem höchsten berechneten Proportionalitätsfaktor

Immissi- onsort	Maßgebende Leuchte						Leuchtdichte [cd/m²]		Proportio- nalitätsfak- tor k		Einhaltung Immissi- onsricht- wert
IO	x	y	z	Dreh C	Neig A	Feldbe- zeichnung	L _{max}	L _{vorh}	k _{max}	k _{vorh}	tags
01 (MI)	44,09	64,51	16	38	63	Hockey	39153	32698	160	133	Ja
02 (WR)	-50,4	179,5	9,8	-76,0	61,0	Tennis	4561171	2174110	64	30	Ja
03 (WR)	-161,4	184,6	13,5	-49,0	57,0	Tennis	54234	14884	64	17	Ja
04 (WR)	-172,0	143,0	13,5	-49,0	57,0	Tennis	57388	15707	64	17	Ja
05 (WA)	-172,0	143,0	13,5	52,0	61,0	Tennis	31713	20013	64	40	Ja
06 (WA)	37,00	-30,50	18,0	-39,0	63,0	Fußball (Nebenfeld)	560081	548941	64	62	Ja
07 (WA)	37,00	-30,50	18,0	142,0	65,0	Fußball (Hauptfeld)	24270	15385	64	40	Ja
08 (WA)	37,00	30,50	18,0	-142,0	65,0	Fußball (Nebenfeld)	27032	25473	64	60	Ja
09 (MI)	-37,00	-30,50	18,0	-40,0	63,0	Fußball (Hauptfeld)	61623	23520	160	61	Ja
10 (WA)	-37,00	-30,50	18,0	-40,0	63,0	Fußball (Hauptfeld)	33360	11609	64	22	Ja

Wie aus der Tabelle 5.2 ersichtlich ist, wird bei einem parallelem Betrieb der Beleuchtungsanlagen des Sportzentrums Mettmann in dem Zeitraum von 6.00 Uhr bis 22.00 Uhr der Immissionsrichtwert der Lichtimmissionsrichtlinie NRW überall im Umfeld eingehalten.

6 Zusammenfassung

Im Auftrag der Stadt Mettmann war mit Aufstellung des Bebauungsplanes Nr. 127 "Sportanlage auf dem Pfennig" eine erneute an die optimierte Planung mit Planstand vom 10.07.2009 angepasste Lichtimmissionsprognose für das geplante Sportzentrum Mettmann durchzuführen.

Unter Berücksichtigung der baulichen Gegebenheiten sowie der zur Verfügung gestellten Planung der Beleuchtungsanlagen wurde die Beleuchtungsstärke der Fassadenebenen der umliegenden nächstgelegenen schutzbedürftigen Wohnnutzungen als Maß für die Raumaufhellung mittels eines digitalen Simulationsmodells ermittelt. Die Bewertung erfolgte anhand der zulässigen Beleuchtungsstärke gemäß der Lichtimmissionsrichtlinie NRW.

Hierbei ergab sich, dass die Anforderungen an die Raumaufhellung für die Immissionsorte in der Umgebung auch bei Parallelnutzung aller geplanter Beleuchtungsanlagen der Sportanlage (2 Fußballplätze, 1 Hockeyplatz, 12 Tennisplätze und 1 Werferanlage) bei Nutzung zum Tageszeitraum (6:00 Uhr bis 22:00 Uhr) eingehalten werden.

Weiterhin wurden die Anforderungen der Lichtimmissionsrichtlinie NRW bezüglich der Blendung durch die Beleuchtungsanlagen zum Tagesraum, d.h. zwischen 6:00 und 22:00 Uhr, überprüft.

Dabei ergab sich, dass auch die Anforderungen an die Blendung zum Tageszeitraum an den relevanten Immissionsorten überall im Umfeld eingehalten werden.

Voraussetzung ist hierfür jedoch die Beschränkung des Nutzungszeitraums, wie ja auch ohnehin vorgesehen, auf den Tageszeitraum zwischen 6.00 Uhr und 22.00 Uhr.

Dieser Bericht besteht aus 13 Seiten, 2 Anlagen und einem Datenanhang.

Peutz Consult GmbH

i.V. Dipl.-Phys. A. Hübel

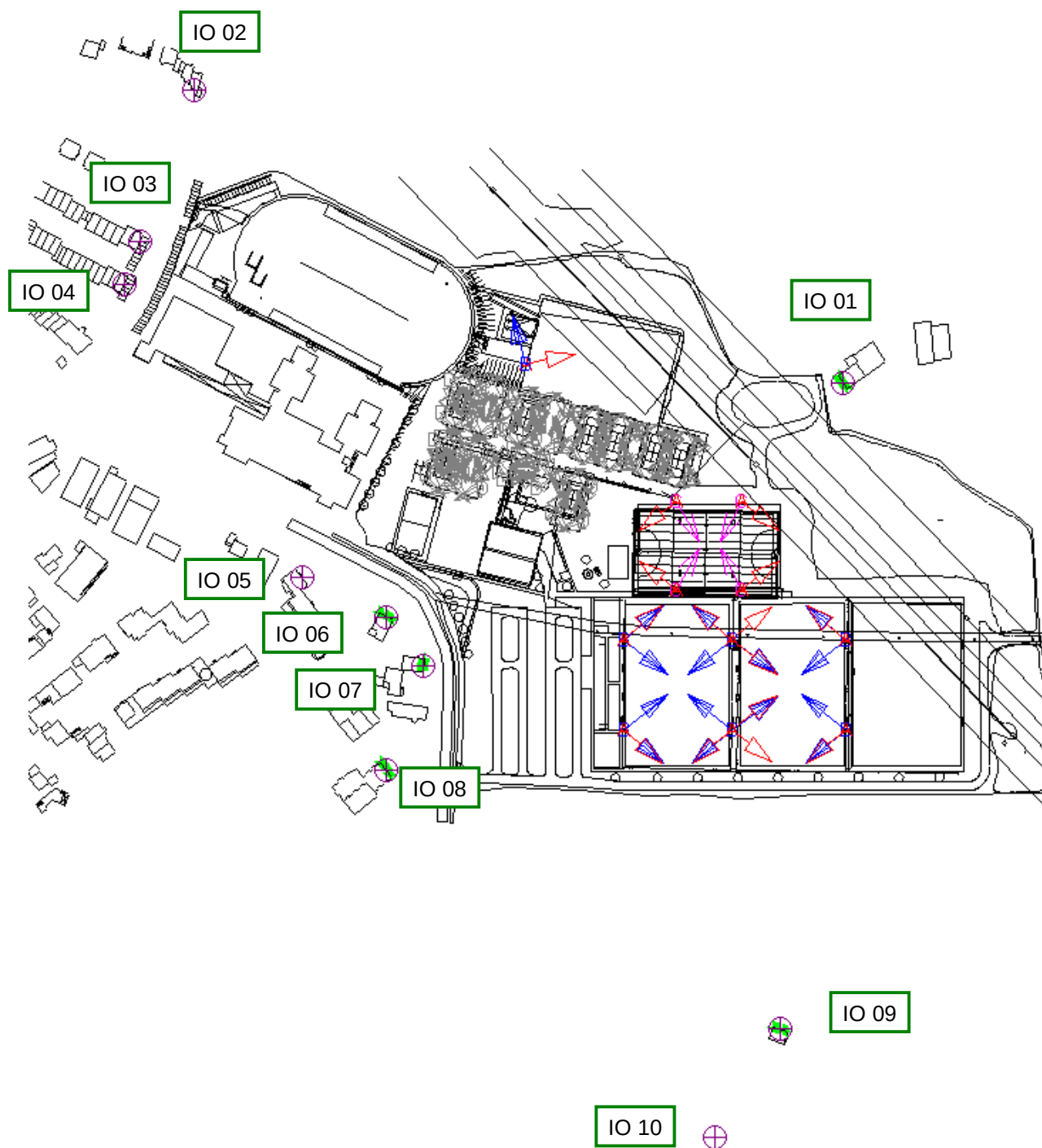
Anlagenverzeichnis

Anlage 1 Übersichtslageplan Sportzentrum Mettmann

Anlage 2 Lageplan mit Darstellung der Beleuchtungsanlagen und Immissionsorte

Datenanhang





A  MVP507 NB/60
C  MVP507 WB/60

B  MVP507 MB/60
D  MVP506 A/60 +SK

DATENANHANG

Lichtimmissionsprognose SZ Mettmann

FB 6149

Datum: 27-07-2009
Kunde: Kreisstadt Mettmann
Neanderstraße 85
40822 Mettmann

Bearbeitung: SB

Beschreibung: Hier: Anpassung an die geänderte Planung

Die nachfolgenden Werte basieren auf exakten Berechnungen an kalibrierten Lampen, Leuchten und deren Anordnung. In der Praxis können graduelle Abweichungen auftreten auf Grund von mechanischen, geometrischen, elektrischen und lichttechnischen Toleranzen.

Peutz Consult GmbH
Kolberger Straße 19
40599 Düsseldorf

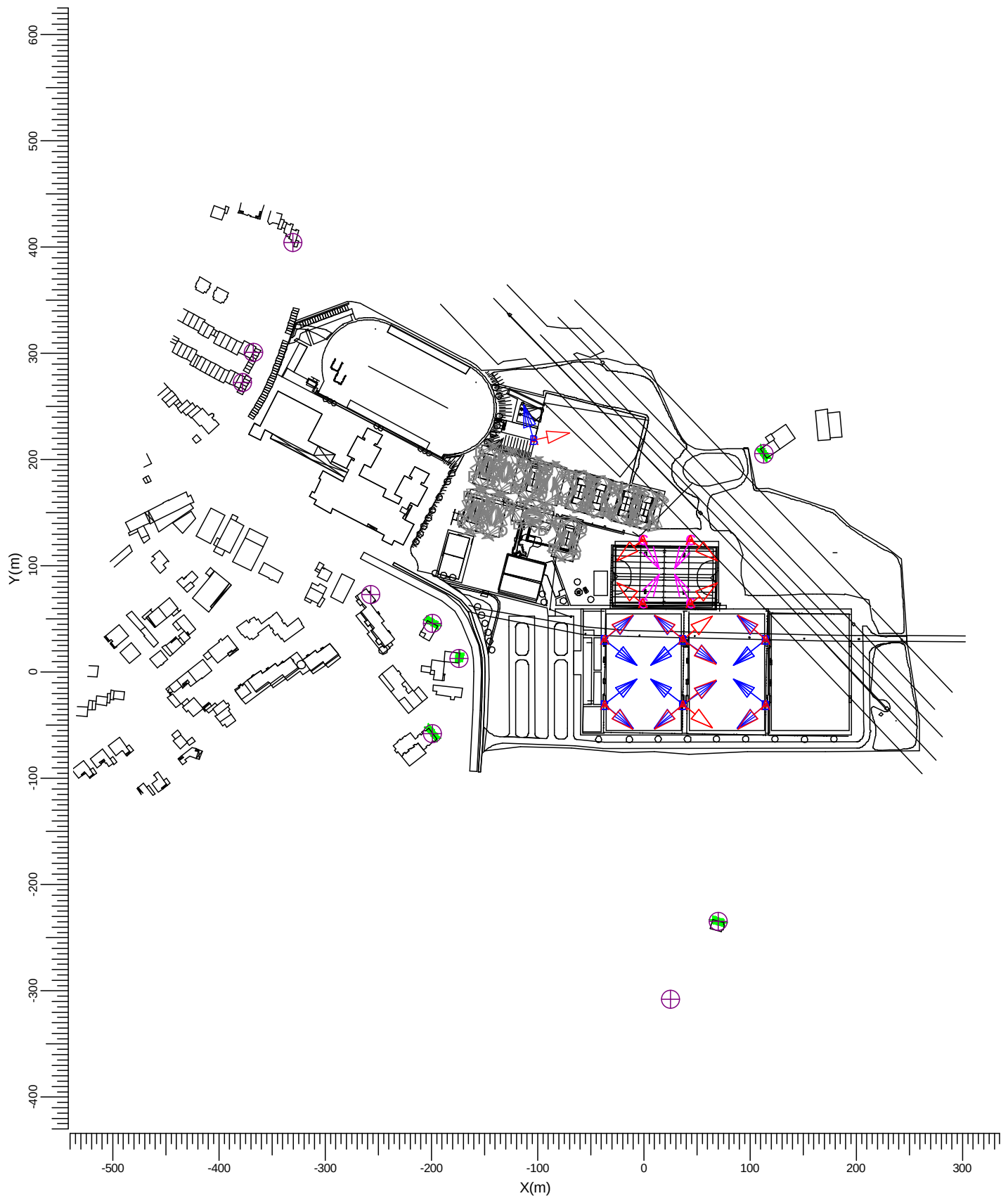
Telefon: 0211/ 999 582 60
Fax: 0211/ 999 582 70
E-Mail: dus@peutz.de

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1. Projekt - Ansichten

1.1 Ansicht von oben



A → MVP507 NB/60
C → MVP507 WB/60

B → MVP507 MB/60
D → MVP506 A/60 +SK

Maßstab
1:5000

2. Zusammenfassung

2.1 Allgemeine Information

Der Verminderungsfaktor für dieses Projekt ist 1.00.

2.2 Beobachter

Code	Beobachter	Position		
		X (m)	Y (m)	Z (m)
Aa	IO 01	112.90	205.70	-6.20
Bb	IO 02	-330.30	404.50	4.80
Cc	IO 03	-367.60	301.10	8.80
Dd	IO 04	-378.10	272.70	9.80
Ee	IO 05	-256.90	73.00	6.80
Ff	IO 06	-198.80	46.10	5.80
Gg	IO 07	-173.80	13.20	3.80
Hh	IO 08	-198.80	-58.10	-1.20
Ii	IO 09	70.20	-234.60	-8.20
Jj	IO 10	25.00	-308.00	-8.20

2.3 Gebäudendaten

Gebäude	Transmissionsgrad (%)	Position		
		X (m)	Y (m)	Z (m)
Masten Platz 1	100	-37.00	-30.50	0.00
		37.00	-30.50	0.00
		-37.00	30.50	0.00
		37.00	30.50	0.00
Masten Platz 2	100	115.00	-30.50	0.00
		115.00	30.50	0.00
Masten Hockey	100	-0.91	64.51	0.00
		44.09	64.51	0.00
		-0.91	124.51	0.00
		44.09	124.51	0.00

2.4 Projektleuchten

Code	Anz.	Leuchtentyp	Lampentyp	System-Leistung (W)	Lichtstrom (lm)
A	21	MVP507 NB/60	1 * MHN-LA2000W/400V/842	2123.0	1 * 220000
B	21	MVP507 MB/60	1 * MHN-LA2000W/400V/842	2123.0	1 * 220000
C	8	MVP507 WB/60	1 * MHN-LA2000W/400V/842	2123.0	1 * 220000
D	144	MVP506 A/60 +SK	1 * HPI-TP400W SGR	473.0	1 * 42500

Die insgesamt installierte Leistung 174.26 kW

Leuchtenanzahl pro Schaltstufe

Schaltstufe	Leuchtencode/-Anzahl				Leistung (kW)
	A	B	C	D	
alle	21	21	8	144	174.26
Fuba Platz 1	4	12	0	0	33.97
Fuba Platz 2	8	8	0	0	33.97
Hockey	8	0	8	0	33.97
Tennis	0	0	0	144	68.11
Werfer	1	1	0	0	4.25

Leuchtenanzahl pro Anordnung

Anordnung	Leuchtencode/-Anzahl				Leistung (kW)
	A	B	C	D	
Hockey	8	0	8	0	33.97
Platz 2 links	6	2	0	0	16.98
Platz 2 rechts	2	6	0	0	16.98
Platz1	4	12	0	0	33.97
Tennis 1-1	0	0	0	3	1.42
Tennis 1-2	0	0	0	3	1.42
Tennis 1-3	0	0	0	3	1.42
Tennis 1-4	0	0	0	3	1.42
Tennis 10-1	0	0	0	3	1.42
Tennis 10-2	0	0	0	3	1.42
Tennis 10-3	0	0	0	3	1.42
Tennis 10-4	0	0	0	3	1.42
Tennis 11-1	0	0	0	3	1.42
Tennis 11-2	0	0	0	3	1.42
Tennis 11-3	0	0	0	3	1.42
Tennis 11-4	0	0	0	3	1.42
Tennis 12-1	0	0	0	3	1.42
Tennis 12-2	0	0	0	3	1.42
Tennis 12-3	0	0	0	3	1.42
Tennis 12-4	0	0	0	3	1.42
Tennis 2-1	0	0	0	3	1.42
Tennis 2-2	0	0	0	3	1.42
Tennis 2-3	0	0	0	3	1.42
Tennis 2-4	0	0	0	3	1.42
Tennis 3-1	0	0	0	3	1.42
Tennis 3-2	0	0	0	3	1.42
Tennis 3-3	0	0	0	3	1.42
Tennis 3-4	0	0	0	3	1.42
Tennis 4-1	0	0	0	3	1.42
Tennis 4-2	0	0	0	3	1.42
Tennis 4-3	0	0	0	3	1.42
Tennis 4-4	0	0	0	3	1.42
Tennis 5-1	0	0	0	3	1.42
Tennis 5-2	0	0	0	3	1.42
Tennis 5-3	0	0	0	3	1.42
Tennis 5-4	0	0	0	3	1.42
Tennis 6-1	0	0	0	3	1.42
Tennis 6-2	0	0	0	3	1.42
Tennis 6-3	0	0	0	3	1.42
Tennis 6-4	0	0	0	3	1.42
Tennis 7-1	0	0	0	3	1.42
Tennis 7-2	0	0	0	3	1.42
Tennis 7-3	0	0	0	3	1.42
Tennis 7-4	0	0	0	3	1.42
Tennis 8-1	0	0	0	3	1.42
Tennis 8-2	0	0	0	3	1.42
Tennis 8-3	0	0	0	3	1.42
Tennis 8-4	0	0	0	3	1.42
Tennis 9-1	0	0	0	3	1.42
Tennis 9-2	0	0	0	3	1.42
Tennis 9-3	0	0	0	3	1.42
Tennis 9-4	0	0	0	3	1.42
Werferanlage	1	1	0	0	4.25

2.5 Berechnungsergebnisse

Schaltstufen:

Code	Schaltstufe
1	alle
2	Fuba Platz 1
3	Fuba Platz 2
4	Hockey
5	Tennis

Code Schaltstufe
6 Werfer

Beleuchtungsstärke / Leuchtdichte:

Berechnung	Schaltstufe	Typ		Mitt	Min	Max	Min/Mitt	Min/Max
01	1	Beleuchtungsstärke auf der Fläche	lx	0.70	0.41	1.29	0.58	0.32
06	1	Beleuchtungsstärke auf der Fläche	lx	0.29	0.08	0.50	0.29	0.17
07	1	Beleuchtungsstärke auf der Fläche	lx	0.14	0.06	0.24	0.43	0.25
08	1	Beleuchtungsstärke auf der Fläche	lx	0.18	0.10	0.26	0.55	0.38
09	1	Beleuchtungsstärke auf der Fläche	lx	0.14	0.10	0.20	0.67	0.48

Lichtimmissionsberechnung:

Schaltstufe	Beobachter	Leuchte	Position			Ausrichtwinkel			Maximale Lichtstärke (cd)
			X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B	
1	Aa	A	44.09	64.51	16.00	38.00	63.00	0.00	1374
1	Bb	B	115.00	-30.50	18.00	142.00	65.00	0.00	280
1	Cc	B	115.00	-30.50	18.00	142.00	65.00	0.00	260
1	Dd	B	37.00	-30.50	18.00	142.00	65.00	0.00	252
1	Ee	B	37.00	-30.50	18.00	142.00	65.00	0.00	372
1	Ff	B	37.00	-30.50	18.00	142.00	65.00	0.00	486
1	Gg	B	37.00	-30.50	18.00	142.00	65.00	0.00	498
1	Hh	B	37.00	30.50	18.00	-142.00	65.00	0.00	911
1	Ii	B	-37.00	-30.50	18.00	-40.00	63.00	0.00	854
1	Jj	B	115.00	30.50	18.00	-142.00	65.00	0.00	427

Schaltstufe	ULR
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00
6	0.00

3. Berechnungsergebnisse

3.1 01: Tabelle

alle

Raster : 01

Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	0.00	0.57	1.14	1.71	2.28	2.85	3.42	3.99	4.55	5.12	5.69	6.26	6.83
AC (m)	10.00	0.41<	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.42	0.42
	9.47	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.44	0.44	0.44	0.44	0.44
	8.95	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.46
	8.42	0.47	0.47	0.47	0.47	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
	7.89	0.49	0.49	0.49	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.51
	7.37	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53
	6.84	0.54	0.54	0.54	0.54	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.55
	6.32	0.56	0.56	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.58
	5.79	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.60
	5.26	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.63	0.63	0.63	0.63	0.63
	4.74	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.66	0.66	0.66	0.66
	4.21	0.68	0.68	0.68	0.68	0.68	0.69	0.69	0.69	0.69	0.69	0.69	0.69
	3.68	0.72	0.72	0.72	0.72	0.72	0.72	0.73	0.73	0.73	0.73	0.74	0.74
	3.16	0.76	0.76	0.77	0.77	0.77	0.77	0.78	0.78	0.78	0.79	0.79	0.79
	2.63	0.81	0.82	0.82	0.82	0.82	0.83	0.83	0.83	0.84	0.84	0.84	0.84
	2.11	0.87	0.87	0.87	0.87	0.88	0.88	0.88	0.89	0.89	0.89	0.89	0.90
	1.58	0.92	0.92	0.92	0.93	0.93	0.93	0.93	0.94	0.94	0.94	0.95	0.95
	1.05	0.98	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.01	1.01	1.02	1.03
	0.53	1.06	1.07	1.07	1.08	1.09	1.09	1.10	1.11	1.11	1.12	1.12	1.13
	0.00	1.17	1.17	1.18	1.19	1.19	1.20	1.20	1.21	1.22	1.22	1.23	1.24

Fortsetzung >

(109.75, 210.50, 2.00) C-----D (115.75, 201.50, 2.00)
 | |
 (109.75, 210.50, -8.00) A-----B (115.75, 201.50, -8.00)

Mittel
0.70Minimum
0.41Maximum
1.29Min/Mittel (Uo)
0.58Min/Max (Ud)
0.32Verminderungsfaktor
1.00

< Fortsetzung

Raster : 01
Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	7.40	7.97	8.54	9.11	9.68	10.25	10.82
AC (m)							
10.00	0.42	0.42	0.42	0.42	0.42	0.42	0.42
9.47	0.44	0.44	0.44	0.44	0.44	0.44	0.45
8.95	0.46	0.46	0.47	0.47	0.47	0.47	0.47
8.42	0.49	0.49	0.49	0.49	0.49	0.49	0.49
7.89	0.51	0.51	0.51	0.51	0.51	0.51	0.52
7.37	0.53	0.53	0.53	0.54	0.54	0.54	0.54
6.84	0.56	0.56	0.56	0.56	0.56	0.56	0.56
6.32	0.58	0.58	0.58	0.58	0.59	0.59	0.59
5.79	0.60	0.61	0.61	0.61	0.61	0.61	0.61
5.26	0.63	0.64	0.64	0.64	0.64	0.64	0.64
4.74	0.66	0.66	0.67	0.67	0.67	0.67	0.67
4.21	0.70	0.70	0.70	0.70	0.70	0.70	0.71
3.68	0.74	0.74	0.75	0.75	0.75	0.76	0.76
3.16	0.79	0.80	0.80	0.80	0.81	0.81	0.81
2.63	0.85	0.85	0.85	0.86	0.86	0.86	0.86
2.11	0.90	0.90	0.91	0.91	0.91	0.92	0.92
1.58	0.96	0.96	0.96	0.97	0.97	0.97	0.98
1.05	1.03	1.04	1.04	1.05	1.05	1.06	1.06
0.53	1.14	1.14	1.15	1.15	1.16	1.17	1.17
0.00	1.25	1.26	1.26	1.27	1.28	1.28	1.29>

(109.75, 210.50, 2.00) C-----D (115.75, 201.50, 2.00)
| |
(109.75, 210.50, -8.00) A-----B (115.75, 201.50, -8.00)

Mittel	Minimum	Maximum	Min/Mittel (Uo)	Min/Max (Ud)	Verminderungsfaktor
0.70	0.41	1.29	0.58	0.32	1.00

3.2 06: Tabelle

alle

Raster : 06
Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	0.00	1.27	2.54	3.80	5.07	6.34	7.61	8.88	10.14	11.41
AC (m)										
10.00	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08<
8.89	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
7.78	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
6.67	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.21
5.56	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.26
4.44	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
3.33	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36	0.36
2.22	0.41	0.41	0.41	0.41	0.40	0.40	0.40	0.40	0.40	0.40
1.11	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.45	0.45	0.45
0.00	0.50>	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50

(-194.00, 44.00, 12.00) C-----D (-204.00, 49.50, 12.00)
| |
A-----B (-204.00, 49.50, 2.00)

Mittel	Minimum	Maximum	Min/Mittel (Uo)	Min/Max (Ud)	Verminderungsfaktor
0.29	0.08	0.50	0.29	0.17	1.00

3.3 07: Tabelle

alle

Raster : 07
Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	0.00	0.90	1.79	2.69	3.58	4.48	5.37	6.27	7.17	8.06
AC (m)										
10.00	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06<
8.89	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
7.78	0.10	0.10	0.10	0.09	0.09	0.09	0.09	0.09	0.09	0.09
6.67	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11
5.56	0.14	0.14	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
4.44	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14
3.33	0.18	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16
2.22	0.20	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.18	0.18
1.11	0.22	0.22	0.22	0.22	0.21	0.21	0.21	0.21	0.21	0.20
0.00	0.24>	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.23	0.22

(-173.00, 18.00, 12.00) C-----D (-174.00, 10.00, 12.00)
| |
A-----B (-174.00, 10.00, 2.00)

Mittel	Minimum	Maximum	Min/Mittel (Uo)	Min/Max (Ud)	Verminderungsfaktor
0.14	0.06	0.24	0.43	0.25	1.00

3.4 08: Tabelle

alle

Raster : 08
Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	0.00	1.42	2.85	4.27	5.69	7.11	8.54	9.96	11.38	12.81
AC (m)										
10.00	0.10<	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
8.89	0.11	0.11	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12
7.78	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
6.67	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16
5.56	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
4.44	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
3.33	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
2.22	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.23	0.23	0.23
1.11	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
0.00	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26>

(-195.00, -62.00, 7.00) C-----D (-203.00, -52.00, 7.00)
| |
A-----B (-203.00, -52.00, -3.00)

Mittel	Minimum	Maximum	Min/Mittel (Uo)	Min/Max (Ud)	Verminderungsfaktor
0.18	0.10	0.26	0.55	0.38	1.00

3.5 09: Tabelle

alle

Raster : 09
Berechnung : Beleuchtungsstärke auf der Fläche (lx)

AB (m)	0.00	1.16	2.32	3.48	4.64	5.80	6.96	8.12	9.28	10.44
AC (m)										
10.00	0.10<	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
8.89	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.11	0.11
7.78	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12
6.67	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13
5.56	0.13	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14
4.44	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15
3.33	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.16
2.22	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.17
1.11	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
0.00	0.18	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.20	0.20>

(75.00, -236.00, -0.00) C-----D (65.00, -233.00, 0.00)
| |
(75.00, -236.00, -10.00) A-----B (65.00, -233.00, -10.00)

Mittel	Minimum	Maximum	Min/Mittel (Uo)	Min/Max (Ud)	Verminderungsfaktor
0.14	0.10	0.20	0.67	0.48	1.00

4. Leuchtdaten

4.1 Projektleuchten

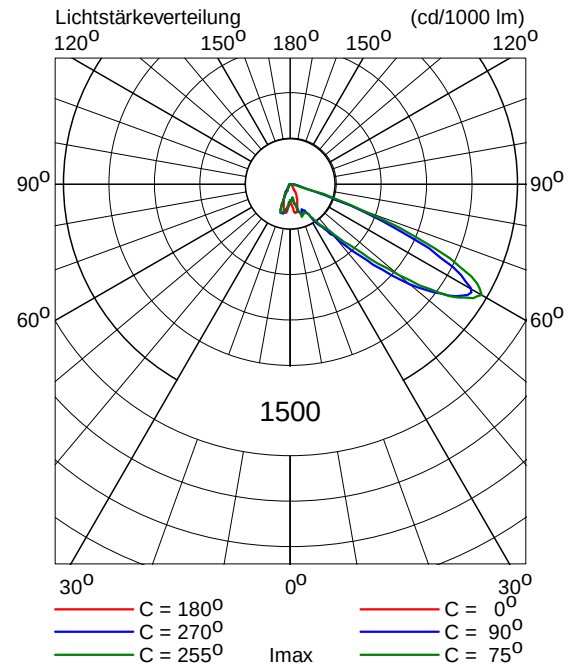
OPTIVISION MVP507 1xMHN-LA2000W/400V/842 NB/60



Leuchtenbetriebswirkungsgrade

unterer Halbraum : 0.79
oberer Halbraum : 0.00
Total : 0.79

Vorschaltgerät : Konventionell
Lampenlichtstrom : 220000 lm
Anschlußleistung der Leuchte : 2123.0 W
Meßprotokollcode : LVMA107800



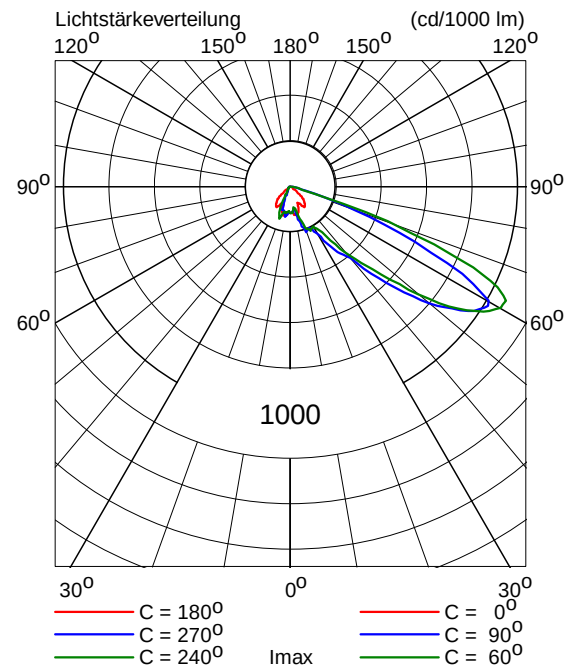
OPTIVISION MVP507 1xMHN-LA2000W/400V/842 MB/60



Leuchtenbetriebswirkungsgrade

unterer Halbraum : 0.79
oberer Halbraum : 0.00
Total : 0.79

Vorschaltgerät : Konventionell
Lampenlichtstrom : 220000 lm
Anschlußleistung der Leuchte : 2123.0 W
Meßprotokollcode : LVMA106900



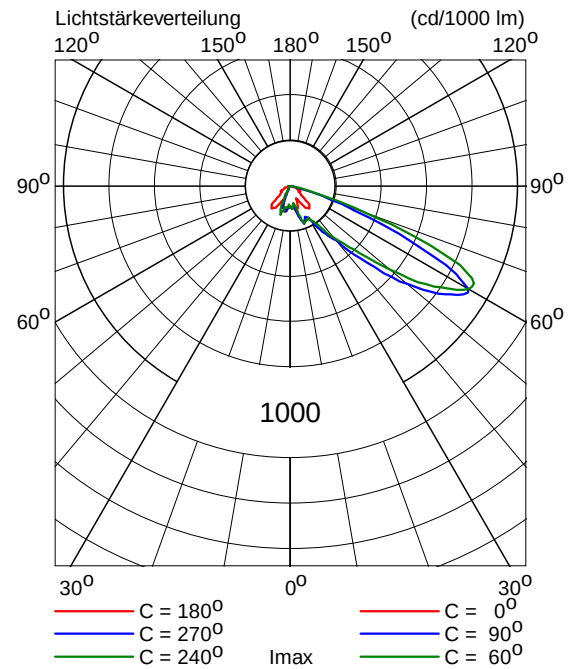
OPTIVISION MVP507 1xMHN-LA2000W/400V/842 WB/60



Leuchtenbetriebswirkungsgrade

unterer Halbraum : 0.80
oberer Halbraum : 0.00
Total : 0.80

Vorschaltgerät : Konventionell
Lampenlichtstrom : 220000 lm
Anschlußleistung der Leuchte : 2123.0 W
Meßprotokollcode : LVMA107700



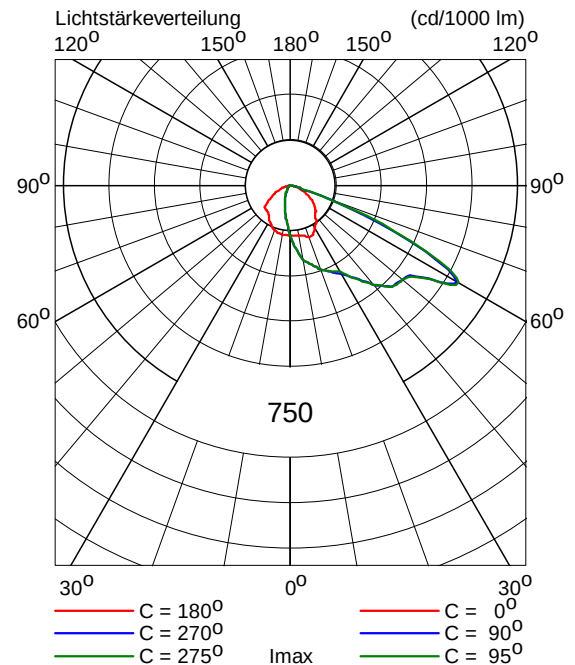
OPTIFLOOD MVP506 1xHPI-TP400W SGR/640 A/60 +SK



Leuchtenbetriebswirkungsgrade

unterer Halbraum : 0.75
oberer Halbraum : 0.00
Total : 0.75

Vorschaltgerät : -
Lampenlichtstrom : 42500 lm
Anschlußleistung der Leuchte : 473.0 W
Meßprotokollcode : LVM0562300



Anmerkung: Diese Leuchte ist eine Sonderausführung, abgeleitet von dem angegebenen Meßprotokollcode.

5. Installationsdaten

5.1 Legende

Projektleuchten:

Code	Anzahl	Leuchtentyp	Lampentyp	Lichtstrom (lm)
A	21	MVP507 NB/60	1 * MHN-LA2000W/400V/842	1 * 220000
B	21	MVP507 MB/60	1 * MHN-LA2000W/400V/842	1 * 220000
C	8	MVP507 WB/60	1 * MHN-LA2000W/400V/842	1 * 220000
D	144	MVP506 A/60 +SK	1 * HPI-TP400W SGR	1 * 42500

Anordnungen:

Code	Anordnung
1	Platz1
2	Platz 2 links
3	Platz 2 rechts
4	Hockey
5	Tennis 1-1
6	Tennis 1-2
7	Tennis 1-3
8	Tennis 1-4
9	Tennis 2-1
10	Tennis 2-2
11	Tennis 2-3
12	Tennis 2-4
13	Tennis 3-1
14	Tennis 3-2
15	Tennis 3-3
16	Tennis 3-4
17	Tennis 4-1
18	Tennis 4-2
19	Tennis 4-3
20	Tennis 4-4
21	Tennis 5-1
22	Tennis 5-2
23	Tennis 5-3
24	Tennis 5-4
25	Tennis 6-1
26	Tennis 6-2
27	Tennis 6-3
28	Tennis 6-4
29	Tennis 7-1
30	Tennis 7-2
31	Tennis 7-3
32	Tennis 7-4
33	Tennis 8-1
34	Tennis 8-2
35	Tennis 8-3
36	Tennis 8-4
37	Tennis 9-1
38	Tennis 9-2
39	Tennis 9-3
40	Tennis 9-4
41	Tennis 10-1
42	Tennis 10-2
43	Tennis 10-3
44	Tennis 10-4
45	Tennis 11-1
46	Tennis 11-2
47	Tennis 11-3
48	Tennis 11-4
49	Tennis 12-1
50	Tennis 12-2
51	Tennis 12-3

Code	Anordnung
52	Tennis 12-4
53	Werferanlage

Schaltstufen:

Code	Schaltstufe
1	alle
2	Fuba Platz 1
3	Fuba Platz 2
4	Hockey
5	Tennis
6	Werfer

5.2 Leuchtenanordnung und Ausrichtung

Angabe mit Zielpunkten

Anz. * Code	Position			Zielpunkte			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	X (m)	Y (m)	Z (m)			1	2	3	4	5	6
1 * B	-37.00	-30.50	18.00	-9.94	-53.21	0.00	0.00	1	+	+	-	-	-	-
1 * B	-37.00	-30.50	18.00	-6.58	-6.73	0.00	0.00	1	+	+	-	-	-	-
1 * B	-37.00	-30.50	18.00	-6.58	-6.73	0.00	0.00	1	+	+	-	-	-	-
1 * A	-37.00	-30.50	18.00	-10.34	-53.68	0.00	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	-9.94	53.21	0.00	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	-6.58	6.73	0.00	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	-6.58	6.73	0.00	0.00	1	+	+	-	-	-	-
1 * A	-37.00	30.50	18.00	-10.34	53.68	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	9.94	-53.21	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	6.58	-6.73	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	6.58	-6.73	0.00	0.00	1	+	+	-	-	-	-
1 * A	37.00	-30.50	18.00	10.34	-53.68	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	10.34	-53.68	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	9.94	53.21	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	6.58	6.73	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	6.58	6.73	0.00	0.00	1	+	+	-	-	-	-
1 * A	37.00	30.50	18.00	10.34	53.68	0.00	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	68.62	-8.36	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	64.45	-52.73	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	67.83	-7.27	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	64.45	-52.73	0.00	0.00	2	+	-	+	-	-	-
1 * B	37.00	30.50	18.00	68.62	8.36	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	64.45	52.73	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	67.83	7.27	0.00	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	64.45	52.73	0.00	0.00	2	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	84.58	-6.73	0.00	0.00	3	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	87.94	-53.21	0.00	0.00	3	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	84.58	-6.73	0.00	0.00	3	+	-	+	-	-	-
1 * A	115.00	-30.50	18.00	88.34	-53.68	0.00	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	84.58	6.73	0.00	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	87.94	53.21	0.00	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	84.58	6.73	0.00	0.00	3	+	-	+	-	-	-
1 * A	115.00	30.50	18.00	88.34	53.68	0.00	0.00	3	+	-	+	-	-	-
1 * A	-0.91	64.51	16.00	-25.65	83.84	0.00	0.00	4	+	-	-	+	-	-
1 * C	-0.91	64.51	16.00	14.30	92.00	0.00	0.00	4	+	-	-	+	-	-
1 * C	-0.91	64.51	16.00	14.30	92.00	0.00	0.00	4	+	-	-	+	-	-
1 * A	-0.91	64.51	16.00	-25.65	83.84	0.00	0.00	4	+	-	-	+	-	-
1 * A	-0.91	124.51	16.00	-25.65	105.18	0.00	0.00	4	+	-	-	+	-	-

Anz. * Code	Position			Zielpunkte			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	X (m)	Y (m)	Z (m)			1	2	3	4	5	6
1 * C	-0.91	124.51	16.00	14.30	97.02	0.00	0.00	4	+	-	-	+	-	-
1 * C	-0.91	124.51	16.00	14.30	97.02	0.00	0.00	4	+	-	-	+	-	-
1 * A	-0.91	124.51	16.00	-25.65	105.18	0.00	0.00	4	+	-	-	+	-	-
1 * A	44.09	64.51	16.00	68.83	83.84	0.00	0.00	4	+	-	-	+	-	-
1 * C	44.09	64.51	16.00	28.88	92.00	0.00	0.00	4	+	-	-	+	-	-
1 * C	44.09	64.51	16.00	28.88	92.00	0.00	0.00	4	+	-	-	+	-	-
1 * A	44.09	64.51	16.00	68.83	83.84	0.00	0.00	4	+	-	-	+	-	-
1 * A	44.09	124.51	16.00	68.83	105.18	0.00	0.00	4	+	-	-	+	-	-
1 * C	44.09	124.51	16.00	28.88	97.02	0.00	0.00	4	+	-	-	+	-	-
1 * C	44.09	124.51	16.00	28.88	97.02	0.00	0.00	4	+	-	-	+	-	-
1 * A	44.09	124.51	16.00	68.83	105.18	0.00	0.00	4	+	-	-	+	-	-
1 * D	-172.00	143.00	13.50	-157.01	162.19	0.00	0.00	5	+	-	-	-	+	-
1 * D	-172.00	143.00	13.50	-155.70	161.10	0.00	0.00	5	+	-	-	-	+	-
1 * D	-172.00	143.00	13.50	-158.36	127.31	0.00	0.00	5	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	-155.23	160.98	0.00	0.00	6	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	-156.89	160.63	0.00	0.00	6	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	-170.41	129.55	0.00	0.00	6	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	-161.77	142.02	0.00	0.00	7	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	-160.11	142.37	0.00	0.00	7	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	-146.59	173.45	0.00	0.00	7	+	-	-	-	+	-
1 * D	-145.00	160.00	13.50	-159.99	140.81	0.00	0.00	8	+	-	-	-	+	-
1 * D	-145.00	160.00	13.50	-161.30	141.90	0.00	0.00	8	+	-	-	-	+	-
1 * D	-145.00	160.00	13.50	-158.64	175.69	0.00	0.00	8	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	-140.01	158.19	0.00	0.00	9	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	-138.70	157.10	0.00	0.00	9	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	-141.36	123.31	0.00	0.00	9	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	-137.23	156.98	0.00	0.00	10	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	-138.89	156.63	0.00	0.00	10	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	-152.41	125.55	0.00	0.00	10	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	-144.87	137.62	0.00	0.00	11	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	-143.21	137.97	0.00	0.00	11	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	-129.69	169.05	0.00	0.00	11	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	-140.99	136.81	0.00	0.00	12	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	-142.30	137.90	0.00	0.00	12	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	-139.64	171.69	0.00	0.00	12	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	-72.78	133.92	0.00	0.00	13	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	-71.63	132.95	0.00	0.00	13	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	-73.98	103.17	0.00	0.00	13	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	-67.73	132.14	0.00	0.00	14	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	-69.19	131.83	0.00	0.00	14	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	-81.11	104.43	0.00	0.00	14	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	-76.27	118.86	0.00	0.00	15	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	-74.81	119.17	0.00	0.00	15	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	-62.89	146.57	0.00	0.00	15	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	-71.22	117.08	0.00	0.00	16	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	-72.37	118.05	0.00	0.00	16	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	-70.02	147.83	0.00	0.00	16	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	-146.41	203.79	0.00	0.00	17	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	-145.10	202.70	0.00	0.00	17	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	-147.76	168.91	0.00	0.00	17	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	-144.03	202.68	0.00	0.00	18	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	-145.69	202.33	0.00	0.00	18	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	-159.21	171.25	0.00	0.00	18	+	-	-	-	+	-
1 * D	-155.20	207.60	13.50	-150.97	183.62	0.00	0.00	19	+	-	-	-	+	-
1 * D	-155.20	207.60	13.50	-149.31	183.97	0.00	0.00	19	+	-	-	-	+	-

Anz. * Code	Position			Zielpunkte			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	X (m)	Y (m)	Z (m)			1	2	3	4	5	6
1 * D	-155.20	207.60	13.50	-135.79	215.05	0.00	0.00	19	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	-148.59	182.51	0.00	0.00	20	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	-149.90	183.60	0.00	0.00	20	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	-147.24	217.39	0.00	0.00	20	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	-128.81	198.99	0.00	0.00	21	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	-127.50	197.90	0.00	0.00	21	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	-130.16	164.11	0.00	0.00	21	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	-126.33	197.98	0.00	0.00	22	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	-127.99	197.63	0.00	0.00	22	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	-141.51	166.55	0.00	0.00	22	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	-133.37	178.92	0.00	0.00	23	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	-131.71	179.27	0.00	0.00	23	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	-118.19	210.35	0.00	0.00	23	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	-130.99	177.81	0.00	0.00	24	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	-132.30	178.90	0.00	0.00	24	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	-129.64	212.69	0.00	0.00	24	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	-104.92	189.39	0.00	0.00	25	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	-103.80	188.45	0.00	0.00	25	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	-106.08	159.42	0.00	0.00	25	+	-	-	-	+	-
1 * D	-96.20	167.00	11.60	-99.83	187.61	0.00	0.00	26	+	-	-	-	+	-
1 * D	-96.20	167.00	11.60	-101.26	187.31	0.00	0.00	26	+	-	-	-	+	-
1 * D	-96.20	167.00	11.60	-112.88	160.60	0.00	0.00	26	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	-108.07	175.29	0.00	0.00	27	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	-106.64	175.59	0.00	0.00	27	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	-95.02	202.30	0.00	0.00	27	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	-102.98	173.61	0.00	0.00	28	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	-104.10	174.55	0.00	0.00	28	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	-101.82	203.58	0.00	0.00	28	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	-89.02	185.09	0.00	0.00	29	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	-87.90	184.15	0.00	0.00	29	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	-90.18	155.12	0.00	0.00	29	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	-83.93	183.31	0.00	0.00	30	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	-85.36	183.01	0.00	0.00	30	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	-96.98	156.30	0.00	0.00	30	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	-92.17	170.99	0.00	0.00	31	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	-90.74	171.29	0.00	0.00	31	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	-79.12	198.00	0.00	0.00	31	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	-86.98	169.31	0.00	0.00	32	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	-88.10	170.25	0.00	0.00	32	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	-85.82	199.28	0.00	0.00	32	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	-63.42	175.13	0.00	0.00	33	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	-62.47	174.34	0.00	0.00	33	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	-64.40	149.81	0.00	0.00	33	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	-55.77	172.81	0.00	0.00	34	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	-56.98	172.55	0.00	0.00	34	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	-66.79	149.99	0.00	0.00	34	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	-65.03	166.89	0.00	0.00	35	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	-63.82	167.15	0.00	0.00	35	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	-54.01	189.71	0.00	0.00	35	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	-57.38	164.47	0.00	0.00	36	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	-58.33	165.26	0.00	0.00	36	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	-56.40	189.79	0.00	0.00	36	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	-45.82	170.33	0.00	0.00	37	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	-44.87	169.54	0.00	0.00	37	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	-46.80	145.01	0.00	0.00	37	+	-	-	-	+	-

Anz. * Code	Position			Zielpunkte			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	X (m)	Y (m)	Z (m)			1	2	3	4	5	6
1 * D	-35.00	150.70	9.80	-38.07	168.11	0.00	0.00	38	+	-	-	-	+	-
1 * D	-35.00	150.70	9.80	-39.28	167.85	0.00	0.00	38	+	-	-	-	+	-
1 * D	-35.00	150.70	9.80	-49.09	145.29	0.00	0.00	38	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	-47.33	162.09	0.00	0.00	39	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	-46.12	162.35	0.00	0.00	39	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	-36.31	184.91	0.00	0.00	39	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	-39.68	159.67	0.00	0.00	40	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	-40.63	160.46	0.00	0.00	40	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	-38.70	184.99	0.00	0.00	40	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	-21.71	160.87	0.00	0.00	41	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	-20.94	160.23	0.00	0.00	41	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	-22.52	140.20	0.00	0.00	41	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	-11.51	157.91	0.00	0.00	42	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	-12.49	157.70	0.00	0.00	42	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	-20.50	139.29	0.00	0.00	42	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	-21.99	158.39	0.00	0.00	43	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	-21.01	158.60	0.00	0.00	43	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	-13.00	177.01	0.00	0.00	43	+	-	-	-	+	-
1 * D	-2.90	166.70	8.00	-11.79	155.33	0.00	0.00	44	+	-	-	-	+	-
1 * D	-2.90	166.70	8.00	-12.56	155.97	0.00	0.00	44	+	-	-	-	+	-
1 * D	-2.90	166.70	8.00	-10.98	176.00	0.00	0.00	44	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	-4.21	156.17	0.00	0.00	45	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	-3.44	155.53	0.00	0.00	45	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	-5.02	135.50	0.00	0.00	45	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	6.09	153.21	0.00	0.00	46	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	5.11	153.00	0.00	0.00	46	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	-2.90	134.59	0.00	0.00	46	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	-4.39	153.59	0.00	0.00	47	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	-3.41	153.80	0.00	0.00	47	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	4.60	172.21	0.00	0.00	47	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	5.91	150.63	0.00	0.00	48	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	5.14	151.27	0.00	0.00	48	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	6.72	171.30	0.00	0.00	48	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	-115.19	147.99	0.00	0.00	49	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	-114.10	149.30	0.00	0.00	49	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	-80.31	146.64	0.00	0.00	49	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-113.98	149.77	0.00	0.00	50	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-113.63	148.11	0.00	0.00	50	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-82.55	134.59	0.00	0.00	50	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	-95.02	143.23	0.00	0.00	51	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	-95.37	144.89	0.00	0.00	51	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	-126.45	158.41	0.00	0.00	51	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-93.81	146.01	0.00	0.00	52	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-94.90	144.70	0.00	0.00	52	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-128.69	147.36	0.00	0.00	52	+	-	-	-	+	-
1 * A	-103.60	218.33	16.00	-69.92	224.88	0.00	0.00	53	+	-	-	-	-	+
1 * B	-103.60	218.33	16.00	-113.06	251.31	0.00	0.00	53	+	-	-	-	-	+

Angabe mit Ausrichtwinkel

Anz. * Code	Position			Ausrichtwinkel			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B			1	2	3	4	5	6
1 * B	-37.00	-30.50	18.00	-40.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	-37.00	-30.50	18.00	38.0	65.0	0.0	0.00	1	+	+	-	-	-	-

Anz. * Code	Position			Ausrichtwinkel			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B			1	2	3	4	5	6
1 * B	-37.00	-30.50	18.00	38.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * A	-37.00	-30.50	18.00	-41.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	40.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	-38.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	-37.00	30.50	18.00	-38.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * A	-37.00	30.50	18.00	41.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	-140.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	142.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	142.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * A	37.00	-30.50	18.00	-139.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	140.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	-142.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	30.50	18.00	-142.0	65.0	0.0	0.00	1	+	+	-	-	-	-
1 * A	37.00	30.50	18.00	139.0	63.0	0.0	0.00	1	+	+	-	-	-	-
1 * B	37.00	-30.50	18.00	35.0	65.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	-39.0	63.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	37.0	65.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	-30.50	18.00	-39.0	63.0	0.0	0.00	2	+	-	+	-	-	-
1 * B	37.00	30.50	18.00	-35.0	65.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	39.0	63.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	-37.0	65.0	0.0	0.00	2	+	-	+	-	-	-
1 * A	37.00	30.50	18.00	39.0	63.0	0.0	0.00	2	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	142.0	65.0	0.0	0.00	3	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	-140.0	63.0	0.0	0.00	3	+	-	+	-	-	-
1 * B	115.00	-30.50	18.00	142.0	65.0	0.0	0.00	3	+	-	+	-	-	-
1 * A	115.00	-30.50	18.00	-139.0	63.0	0.0	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	-142.0	65.0	0.0	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	140.0	63.0	0.0	0.00	3	+	-	+	-	-	-
1 * B	115.00	30.50	18.00	-142.0	65.0	0.0	0.00	3	+	-	+	-	-	-
1 * A	115.00	30.50	18.00	139.0	63.0	0.0	0.00	3	+	-	+	-	-	-
1 * A	-0.91	64.51	16.00	142.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	-0.91	64.51	16.00	61.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	-0.91	64.51	16.00	61.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	-0.91	64.51	16.00	142.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	-0.91	124.51	16.00	-142.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	-0.91	124.51	16.00	-61.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	-0.91	124.51	16.00	-61.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	-0.91	124.51	16.00	-142.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	44.09	64.51	16.00	38.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	44.09	64.51	16.00	119.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	44.09	64.51	16.00	119.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	44.09	64.51	16.00	38.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	44.09	124.51	16.00	-38.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	44.09	124.51	16.00	-119.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * C	44.09	124.51	16.00	-119.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * A	44.09	124.51	16.00	-38.0	63.0	0.0	0.00	4	+	-	-	+	-	-
1 * D	-172.00	143.00	13.50	52.0	61.0	0.0	0.00	5	+	-	-	-	+	-
1 * D	-172.00	143.00	13.50	48.0	61.0	0.0	0.00	5	+	-	-	-	+	-
1 * D	-172.00	143.00	13.50	-49.0	57.0	0.0	0.00	5	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	100.0	61.0	0.0	0.00	6	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	104.0	61.0	0.0	0.00	6	+	-	-	-	+	-
1 * D	-151.00	137.00	13.50	-159.0	57.0	0.0	0.00	6	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	-80.0	61.0	0.0	0.00	7	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	-76.0	61.0	0.0	0.00	7	+	-	-	-	+	-
1 * D	-166.00	166.00	13.50	21.0	57.0	0.0	0.00	7	+	-	-	-	+	-

Anz. * Code	Position			Ausrichtwinkel			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B			1	2	3	4	5	6
1 * D	-145.00	160.00	13.50	-128.0	61.0	0.0	0.00	8	+	-	-	-	+	-
1 * D	-145.00	160.00	13.50	-132.0	61.0	0.0	0.00	8	+	-	-	-	+	-
1 * D	-145.00	160.00	13.50	131.0	57.0	0.0	0.00	8	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	52.0	61.0	0.0	0.00	9	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	48.0	61.0	0.0	0.00	9	+	-	-	-	+	-
1 * D	-155.00	139.00	13.50	-49.0	57.0	0.0	0.00	9	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	100.0	61.0	0.0	0.00	10	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	104.0	61.0	0.0	0.00	10	+	-	-	-	+	-
1 * D	-133.00	133.00	13.50	-159.0	57.0	0.0	0.00	10	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	-80.0	61.0	0.0	0.00	11	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	-76.0	61.0	0.0	0.00	11	+	-	-	-	+	-
1 * D	-149.10	161.60	13.50	21.0	57.0	0.0	0.00	11	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	-128.0	61.0	0.0	0.00	12	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	-132.0	61.0	0.0	0.00	12	+	-	-	-	+	-
1 * D	-126.00	156.00	13.50	131.0	57.0	0.0	0.00	12	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	52.0	61.0	0.0	0.00	13	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	48.0	61.0	0.0	0.00	13	+	-	-	-	+	-
1 * D	-86.00	117.00	11.90	-49.0	57.0	0.0	0.00	13	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	100.0	61.0	0.0	0.00	14	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	104.0	61.0	0.0	0.00	14	+	-	-	-	+	-
1 * D	-64.00	111.00	11.90	-159.0	57.0	0.0	0.00	14	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	-80.0	61.0	0.0	0.00	15	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	-76.0	61.0	0.0	0.00	15	+	-	-	-	+	-
1 * D	-80.00	140.00	11.90	21.0	57.0	0.0	0.00	15	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	-128.0	61.0	0.0	0.00	16	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	-132.0	61.0	0.0	0.00	16	+	-	-	-	+	-
1 * D	-58.00	134.00	11.90	131.0	57.0	0.0	0.00	16	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	52.0	61.0	0.0	0.00	17	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	48.0	61.0	0.0	0.00	17	+	-	-	-	+	-
1 * D	-161.40	184.60	13.50	-49.0	57.0	0.0	0.00	17	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	100.0	61.0	0.0	0.00	18	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	104.0	61.0	0.0	0.00	18	+	-	-	-	+	-
1 * D	-139.80	178.70	13.50	-159.0	57.0	0.0	0.00	18	+	-	-	-	+	-
1 * D	-155.20	207.60	13.50	-80.0	61.0	0.0	0.00	19	+	-	-	-	+	-
1 * D	-155.20	207.60	13.50	-76.0	61.0	0.0	0.00	19	+	-	-	-	+	-
1 * D	-155.20	207.60	13.50	21.0	57.0	0.0	0.00	19	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	-128.0	61.0	0.0	0.00	20	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	-132.0	61.0	0.0	0.00	20	+	-	-	-	+	-
1 * D	-133.60	201.70	13.50	131.0	57.0	0.0	0.00	20	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	52.0	61.0	0.0	0.00	21	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	48.0	61.0	0.0	0.00	21	+	-	-	-	+	-
1 * D	-143.80	179.80	13.50	-49.0	57.0	0.0	0.00	21	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	100.0	61.0	0.0	0.00	22	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	104.0	61.0	0.0	0.00	22	+	-	-	-	+	-
1 * D	-122.10	174.00	13.50	-159.0	57.0	0.0	0.00	22	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	-80.0	61.0	0.0	0.00	23	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	-76.0	61.0	0.0	0.00	23	+	-	-	-	+	-
1 * D	-137.60	202.90	13.50	21.0	57.0	0.0	0.00	23	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	-128.0	61.0	0.0	0.00	24	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	-132.0	61.0	0.0	0.00	24	+	-	-	-	+	-
1 * D	-116.00	197.00	13.50	131.0	57.0	0.0	0.00	24	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	52.0	61.0	0.0	0.00	25	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	48.0	61.0	0.0	0.00	25	+	-	-	-	+	-
1 * D	-117.80	172.90	11.60	-49.0	57.0	0.0	0.00	25	+	-	-	-	+	-
1 * D	-96.20	167.00	11.60	100.0	61.0	0.0	0.00	26	+	-	-	-	+	-

Anz. * Code	Position			Ausrichtwinkel			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B			1	2	3	4	5	6
1 * D	-96.20	167.00	11.60	104.0	61.0	0.0	0.00	26	+	-	-	-	+	-
1 * D	-96.20	167.00	11.60	-159.0	57.0	0.0	0.00	26	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	-80.0	61.0	0.0	0.00	27	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	-76.0	61.0	0.0	0.00	27	+	-	-	-	+	-
1 * D	-111.70	195.90	11.60	21.0	57.0	0.0	0.00	27	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	-128.0	61.0	0.0	0.00	28	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	-132.0	61.0	0.0	0.00	28	+	-	-	-	+	-
1 * D	-90.10	190.10	11.60	131.0	57.0	0.0	0.00	28	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	52.0	61.0	0.0	0.00	29	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	48.0	61.0	0.0	0.00	29	+	-	-	-	+	-
1 * D	-101.90	168.60	11.60	-49.0	57.0	0.0	0.00	29	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	100.0	61.0	0.0	0.00	30	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	104.0	61.0	0.0	0.00	30	+	-	-	-	+	-
1 * D	-80.30	162.70	11.60	-159.0	57.0	0.0	0.00	30	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	-80.0	61.0	0.0	0.00	31	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	-76.0	61.0	0.0	0.00	31	+	-	-	-	+	-
1 * D	-95.80	191.60	11.60	21.0	57.0	0.0	0.00	31	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	-128.0	61.0	0.0	0.00	32	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	-132.0	61.0	0.0	0.00	32	+	-	-	-	+	-
1 * D	-74.10	185.80	11.60	131.0	57.0	0.0	0.00	32	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	52.0	61.0	0.0	0.00	33	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	48.0	61.0	0.0	0.00	33	+	-	-	-	+	-
1 * D	-74.30	161.20	9.80	-49.0	57.0	0.0	0.00	33	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	100.0	61.0	0.0	0.00	34	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	104.0	61.0	0.0	0.00	34	+	-	-	-	+	-
1 * D	-52.70	155.40	9.80	-159.0	57.0	0.0	0.00	34	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	-80.0	61.0	0.0	0.00	35	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	-76.0	61.0	0.0	0.00	35	+	-	-	-	+	-
1 * D	-68.10	184.30	9.80	21.0	57.0	0.0	0.00	35	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	-128.0	61.0	0.0	0.00	36	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	-132.0	61.0	0.0	0.00	36	+	-	-	-	+	-
1 * D	-46.50	178.40	9.80	131.0	57.0	0.0	0.00	36	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	52.0	61.0	0.0	0.00	37	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	48.0	61.0	0.0	0.00	37	+	-	-	-	+	-
1 * D	-56.70	156.40	9.80	-49.0	57.0	0.0	0.00	37	+	-	-	-	+	-
1 * D	-35.00	150.70	9.80	100.0	61.0	0.0	0.00	38	+	-	-	-	+	-
1 * D	-35.00	150.70	9.80	104.0	61.0	0.0	0.00	38	+	-	-	-	+	-
1 * D	-35.00	150.70	9.80	-159.0	57.0	0.0	0.00	38	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	-80.0	61.0	0.0	0.00	39	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	-76.0	61.0	0.0	0.00	39	+	-	-	-	+	-
1 * D	-50.40	179.50	9.80	21.0	57.0	0.0	0.00	39	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	-128.0	61.0	0.0	0.00	40	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	-132.0	61.0	0.0	0.00	40	+	-	-	-	+	-
1 * D	-28.80	173.60	9.80	131.0	57.0	0.0	0.00	40	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	52.0	61.0	0.0	0.00	41	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	48.0	61.0	0.0	0.00	41	+	-	-	-	+	-
1 * D	-30.60	149.50	8.00	-49.0	57.0	0.0	0.00	41	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	100.0	61.0	0.0	0.00	42	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	104.0	61.0	0.0	0.00	42	+	-	-	-	+	-
1 * D	-9.00	143.70	8.00	-159.0	57.0	0.0	0.00	42	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	-80.0	61.0	0.0	0.00	43	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	-76.0	61.0	0.0	0.00	43	+	-	-	-	+	-
1 * D	-24.50	172.60	8.00	21.0	57.0	0.0	0.00	43	+	-	-	-	+	-
1 * D	-2.90	166.70	8.00	-128.0	61.0	0.0	0.00	44	+	-	-	-	+	-
1 * D	-2.90	166.70	8.00	-132.0	61.0	0.0	0.00	44	+	-	-	-	+	-

Anz. * Code	Position			Ausrichtwinkel			ULR	Anord.	Schaltstufen					
	X (m)	Y (m)	Z (m)	Dreh.C	Neig.A	Neig.B			1	2	3	4	5	6
1 * D	-2.90	166.70	8.00	131.0	57.0	0.0	0.00	44	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	52.0	61.0	0.0	0.00	45	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	48.0	61.0	0.0	0.00	45	+	-	-	-	+	-
1 * D	-13.10	144.80	8.00	-49.0	57.0	0.0	0.00	45	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	100.0	61.0	0.0	0.00	46	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	104.0	61.0	0.0	0.00	46	+	-	-	-	+	-
1 * D	8.60	139.00	8.00	-159.0	57.0	0.0	0.00	46	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	-80.0	61.0	0.0	0.00	47	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	-76.0	61.0	0.0	0.00	47	+	-	-	-	+	-
1 * D	-6.90	167.80	8.00	21.0	57.0	0.0	0.00	47	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	-128.0	61.0	0.0	0.00	48	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	-132.0	61.0	0.0	0.00	48	+	-	-	-	+	-
1 * D	14.80	162.00	8.00	131.0	57.0	0.0	0.00	48	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	142.0	61.0	0.0	0.00	49	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	138.0	61.0	0.0	0.00	49	+	-	-	-	+	-
1 * D	-96.00	133.00	13.50	41.0	57.0	0.0	0.00	49	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-170.0	61.0	0.0	0.00	50	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-166.0	61.0	0.0	0.00	50	+	-	-	-	+	-
1 * D	-90.00	154.00	13.50	-69.0	57.0	0.0	0.00	50	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	10.0	61.0	0.0	0.00	51	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	14.0	61.0	0.0	0.00	51	+	-	-	-	+	-
1 * D	-119.00	139.00	13.50	111.0	57.0	0.0	0.00	51	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-38.0	61.0	0.0	0.00	52	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-42.0	61.0	0.0	0.00	52	+	-	-	-	+	-
1 * D	-113.00	161.00	13.50	-139.0	57.0	0.0	0.00	52	+	-	-	-	+	-
1 * A	-103.60	218.33	16.00	11.0	65.0	0.0	0.00	53	+	-	-	-	-	+
1 * B	-103.60	218.33	16.00	106.0	65.0	0.0	0.00	53	+	-	-	-	-	+

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
1	IO 01	alle	160	0,1	39153	1374	32698	133	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
1	IO 01	alle	160	0,1	39153	1374	32698	133	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
1	IO 01	alle	160	0,1	54243	584	43229	127	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
1	IO 01	alle	160	0,1	53988	544	39853	118	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
1	IO 01	alle	160	0,1	53925	1278	30541	90	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
1	IO 01	alle	160	0,1	62852	421	34341	87	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
1	IO 01	alle	160	0,1	41028	856	22372	87	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
1	IO 01	alle	160	0,1	41028	856	22372	87	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
1	IO 01	alle	160	0,1	63195	347	28616	72	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
1	IO 01	alle	160	0,1	73064	1124	29730	65	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
1	IO 01	alle	160	0,1	73064	1124	29730	65	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
1	IO 01	alle	160	0,1	73993	273	23241	50	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
1	IO 01	alle	160	0,1	45640	474	12315	43	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
1	IO 01	alle	160	0,1	49501	481	12425	40	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
1	IO 01	alle	160	0,1	49501	481	12425	40	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
1	IO 01	alle	160	0,1	62615	550	15663	40	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
1	IO 01	alle	160	0,1	98215	265	24562	40	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
1	IO 01	alle	160	0,1	65223	590	15776	38	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
1	IO 01	alle	160	0,1	71680	168	17042	38	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	98821	246	23111	37	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
1	IO 01	alle	160	0,1	46836	414	10618	36	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
1	IO 01	alle	160	0,1	46836	414	10618	36	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
1	IO 01	alle	160	0,1	74423	194	16664	35	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
1	IO 01	alle	160	0,1	25518	264	5679	35	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
1	IO 01	alle	160	0,1	25518	264	5679	35	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
1	IO 01	alle	160	0,1	45548	372	9635	33	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
1	IO 01	alle	160	0,1	38840	252	7413	30	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
1	IO 01	alle	160	0,1	38840	252	7413	30	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
1	IO 01	alle	160	0,1	54717	330	10426	30	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
1	IO 01	alle	160	0,1	48006	118	9066	30	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	47896	115	8771	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	85232	163	15265	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
1	IO 01	alle	160	0,1	62584	390	11088	28	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
1	IO 01	alle	160	0,1	42646	123	7459	27	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
1	IO 01	alle	160	0,1	64146	383	10923	27	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
1	IO 01	alle	160	0,1	64146	383	10923	27	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
1	IO 01	alle	160	0,1	64874	414	10946	26	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
1	IO 01	alle	160	0,1	58433	111	9802	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	85510	119	14138	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	79955	145	13137	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	58251	107	9370	25	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	46194	134	7195	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	91942	142	13965	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	57050	108	8588	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	106569	159	15985	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	62000	120	9128	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
1	IO 01	alle	160	0,1	61868	119	9004	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
1	IO 01	alle	160	0,1	29553	148	4271	23	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
1	IO 01	alle	160	0,1	29553	148	4271	23	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
1	IO 01	alle	160	0,1	67547	108	9570	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	54549	243	7623	22	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
1	IO 01	alle	160	0,1	50359	106	6967	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
1	IO 01	alle	160	0,1	71244	104	9647	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	57361	96	7735	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	118207	148	15837	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	85784	120	11381	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
1	IO 01	alle	160	0,1	70971	99	9132	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	52560	117	6659	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	131701	153	16394	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	106984	131	13245	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
1	IO 01	alle	160	0,1	71284	106	8823	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
1	IO 01	alle	160	0,1	67959	93	8271	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	98149	110	11918	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	80454	106	9692	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	83956	97	10111	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	82614	116	9837	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
1	IO 01	alle	160	0,1	71091	101	8325	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
1	IO 01	alle	160	0,1	97816	106	11415	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	126543	112	14616	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	107305	121	12370	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	83571	93	9594	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	60096	104	6857	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
1	IO 01	alle	160	0,1	92568	106	10556	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	145190	143	16288	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	119075	122	13286	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	132663	136	14760	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	102124	88	11351	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	99478	110	10798	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
1	IO 01	alle	160	0,1	82348	106	8924	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
1	IO 01	alle	160	0,1	93540	110	10064	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
1	IO 01	alle	160	0,1	114523	105	12129	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
1	IO 01	alle	160	0,1	46515	115	4859	16	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
1	IO 01	alle	160	0,1	46515	115	4859	16	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
1	IO 01	alle	160	0,1	146313	130	15057	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	114559	102	11778	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
1	IO 01	alle	160	0,1	69059	100	7072	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
1	IO 01	alle	160	0,1	107173	117	10951	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
1	IO 01	alle	160	0,1	61044	107	6201	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	112436	122	11275	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
1	IO 01	alle	160	0,1	74618	213	7441	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
1	IO 01	alle	160	0,1	74618	213	7441	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
1	IO 01	alle	160	0,1	68933	111	6826	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	99676	90	9806	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	111884	120	10962	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
1	IO 01	alle	160	0,1	79623	121	7567	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	93191	97	8801	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
1	IO 01	alle	160	0,1	99164	86	9309	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
1	IO 01	alle	160	0,1	87519	124	8142	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	118061	110	10980	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
1	IO 01	alle	160	0,1	80599	119	7433	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	138054	112	12663	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
1	IO 01	alle	160	0,1	106730	105	9784	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
1	IO 01	alle	160	0,1	120014	73	10976	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	56050	139	5116	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
1	IO 01	alle	160	0,1	56050	139	5116	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
1	IO 01	alle	160	0,1	100153	90	8954	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
1	IO 01	alle	160	0,1	83209	95	7420	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
1	IO 01	alle	160	0,1	80735	101	7185	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
1	IO 01	alle	160	0,1	112657	83	9898	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	131113	112	11276	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
1	IO 01	alle	160	0,1	98005	125	8309	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	111072	88	9337	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
1	IO 01	alle	160	0,1	117525	100	9841	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
1	IO 01	alle	160	0,1	89495	100	7486	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
1	IO 01	alle	160	0,1	112007	80	9360	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	62401	126	5155	13	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
1	IO 01	alle	160	0,1	96314	115	7825	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
1	IO 01	alle	160	0,1	107360	126	8711	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	142900	87	11564	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	130488	106	10500	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
1	IO 01	alle	160	0,1	143904	105	11181	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
1	IO 01	alle	160	0,1	111887	81	8654	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
1	IO 01	alle	160	0,1	118655	82	9120	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
1	IO 01	alle	160	0,1	142098	82	10789	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	127538	80	9651	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	100596	102	7597	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
1	IO 01	alle	160	0,1	141237	65	10618	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	143159	102	10709	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
1	IO 01	alle	160	0,1	151790	94	11323	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
1	IO 01	alle	160	0,1	146083	93	10888	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	139130	91	10365	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
1	IO 01	alle	160	0,1	117882	80	8756	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
1	IO 01	alle	160	0,1	104351	76	7697	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	158849	95	11683	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
1	IO 01	alle	160	0,1	159645	81	11680	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	63269	109	4608	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
1	IO 01	alle	160	0,1	126765	77	9124	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	104933	84	7530	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
1	IO 01	alle	160	0,1	110639	101	7900	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
1	IO 01	alle	160	0,1	105081	73	7481	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	92238	73	6519	11	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
1	IO 01	alle	160	0,1	92238	73	6519	11	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
1	IO 01	alle	160	0,1	124956	82	8827	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
1	IO 01	alle	160	0,1	107934	110	7565	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	116897	114	8143	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
1	IO 01	alle	160	0,1	65003	85	4471	11	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
1	IO 01	alle	160	0,1	65003	85	4471	11	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
1	IO 01	alle	160	0,1	158639	76	10874	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	142905	75	9754	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
1	IO 01	alle	160	0,1	113218	92	7691	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
1	IO 01	alle	160	0,1	104649	79	7081	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
1	IO 01	alle	160	0,1	124382	82	8413	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
1	IO 01	alle	160	0,1	125888	77	8423	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
1	IO 01	alle	160	0,1	160930	56	10441	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	141948	71	9196	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
1	IO 01	alle	160	0,1	123901	91	7945	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
1	IO 01	alle	160	0,1	139026	75	8770	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
1	IO 01	alle	160	0,1	153059	78	9592	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
1	IO 01	alle	160	0,1	142931	85	8862	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
1	IO 01	alle	160	0,1	140143	72	8534	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
1	IO 01	alle	160	0,1	154766	86	9408	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
1	IO 01	alle	160	0,1	147275	74	8789	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	160212	76	9545	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
1	IO 01	alle	160	0,1	191302	59	10930	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	181619	53	10197	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	75205	102	4195	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
1	IO 01	alle	160	0,1	75205	102	4195	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
1	IO 01	alle	160	0,1	115456	75	6313	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
1	IO 01	alle	160	0,1	142333	72	7477	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
1	IO 01	alle	160	0,1	154060	73	7935	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
1	IO 01	alle	160	0,1	115992	70	5956	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
1	IO 01	alle	160	0,1	213834	52	10822	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	206896	46	10044	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
1	IO 01	alle	160	0,1	86041	66	4023	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
1	IO 01	alle	160	0,1	96507	69	4472	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
1	IO 01	alle	160	0,1	97006	69	4472	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
1	IO 01	alle	160	0,1	115966	56	5000	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
1	IO 01	alle	160	0,1	115916	52	4634	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
1	IO 01	alle	160	0,1	106301	76	4248	6	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
1	IO 01	alle	160	0,1	106912	75	4219	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
1	IO 01	alle	160	0,1	77513	19	2832	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
1	IO 01	alle	160	0,1	94979	57	3226	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
1	IO 01	alle	160	0,1	94979	57	3226	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
1	IO 01	alle	160	0,1	97329	17	3192	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
1	IO 01	alle	160	0,1	117592	19	3687	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
1	IO 01	alle	160	0,1	166584	23	5143	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
1	IO 01	alle	160	0,1	143473	17	4086	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
1	IO 01	alle	160	0,1	169188	18	4541	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
1	IO 01	alle	160	0,1	198031	16	4877	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
1	IO 01	alle	160	0,1	220559	17	5162	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
1	IO 01	alle	160	0,1	257899	15	5482	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
1	IO 01	alle	160	0,1	161622	12	2805	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
1	IO 01	alle	160	0,1	266046	10	4029	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
1	IO 01	alle	160	0,1	310017	9	4425	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
2	IO 02	alle	64	0,1	4561171	6	2174110	30	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
2	IO 02	alle	64	0,1	37809	246	9951	16	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
2	IO 02	alle	64	0,1	65098	118	13082	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	57777	107	11352	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	68093	113	12596	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	61397	105	11282	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	77239	116	14006	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
2	IO 02	alle	64	0,1	69615	102	12170	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	73209	102	12420	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	119777	40	19961	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	82620	102	13617	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	86894	105	14182	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	96821	106	15737	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	101277	109	16207	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	117773	39	18764	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	149021	34	22157	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	132635	36	19691	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	85180	100	12450	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
2	IO 02	alle	64	0,1	146541	34	21407	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	80860	280	11541	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
2	IO 02	alle	64	0,1	80860	280	11541	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
2	IO 02	alle	64	0,1	130064	35	18400	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	73733	247	10116	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
2	IO 02	alle	64	0,1	73733	247	10116	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
2	IO 02	alle	64	0,1	162508	32	22111	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	159322	31	21167	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	941558	6	117803	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	69984	50	8643	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
2	IO 02	alle	64	0,1	88339	44	10790	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
2	IO 02	alle	64	0,1	80418	166	9534	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
2	IO 02	alle	64	0,1	74115	50	8691	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
2	IO 02	alle	64	0,1	89846	41	10461	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
2	IO 02	alle	64	0,1	201814	25	23281	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
2	IO 02	alle	64	0,1	98875	44	11103	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
2	IO 02	alle	64	0,1	96065	40	10634	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
2	IO 02	alle	64	0,1	113788	48	12586	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
2	IO 02	alle	64	0,1	100562	42	10959	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
2	IO 02	alle	64	0,1	112081	48	12198	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
2	IO 02	alle	64	0,1	203699	23	22136	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
2	IO 02	alle	64	0,1	84830	44	9179	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
2	IO 02	alle	64	0,1	206522	20	22253	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	98876	35	10591	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	85876	47	9190	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
2	IO 02	alle	64	0,1	100963	34	10620	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	97830	37	10254	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
2	IO 02	alle	64	0,1	105620	41	11055	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
2	IO 02	alle	64	0,1	88155	45	9199	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
2	IO 02	alle	64	0,1	197942	20	20434	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	89880	47	9272	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
2	IO 02	alle	64	0,1	107546	39	10860	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
2	IO 02	alle	64	0,1	106348	34	10639	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	228556	18	22573	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	108688	33	10625	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	90525	145	8591	6	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
2	IO 02	alle	64	0,1	217693	18	20468	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	103131	43	9601	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
2	IO 02	alle	64	0,1	767867	6	70822	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	116668	30	10718	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	119533	29	10743	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	107766	44	9685	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
2	IO 02	alle	64	0,1	122009	32	10805	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
2	IO 02	alle	64	0,1	587950	7	51409	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	120889	29	10528	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
2	IO 02	alle	64	0,1	73500	108	6362	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
2	IO 02	alle	64	0,1	73500	108	6362	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
2	IO 02	alle	64	0,1	123910	30	10722	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	160797	19	13711	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	127062	28	10772	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	334506	14	28301	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	110398	41	9293	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
2	IO 02	alle	64	0,1	312218	14	25637	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	121868	41	9991	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
2	IO 02	alle	64	0,1	133142	26	10870	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	123983	27	10098	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
2	IO 02	alle	64	0,1	156473	22	12652	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	130019	27	10386	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
2	IO 02	alle	64	0,1	126559	41	10098	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
2	IO 02	alle	64	0,1	137140	24	10826	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	80370	110	6335	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
2	IO 02	alle	64	0,1	141126	26	11012	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	80448	98	6033	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
2	IO 02	alle	64	0,1	80448	98	6033	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
2	IO 02	alle	64	0,1	133567	25	10015	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
2	IO 02	alle	64	0,1	145483	24	10867	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	195610	15	14473	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	181922	18	13185	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	151950	27	10807	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
2	IO 02	alle	64	0,1	139260	26	9719	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
2	IO 02	alle	64	0,1	155309	21	10676	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
2	IO 02	alle	64	0,1	150637	21	10151	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
2	IO 02	alle	64	0,1	156207	25	10412	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
2	IO 02	alle	64	0,1	102270	59	6709	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
2	IO 02	alle	64	0,1	102270	59	6709	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
2	IO 02	alle	64	0,1	179341	19	11475	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	84302	27	5361	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
2	IO 02	alle	64	0,1	173955	22	10936	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	90417	27	5656	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
2	IO 02	alle	64	0,1	90522	95	5596	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
2	IO 02	alle	64	0,1	168893	19	10397	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
2	IO 02	alle	64	0,1	189490	19	11602	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	180268	20	11010	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	187191	17	11212	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	175773	17	10184	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
2	IO 02	alle	64	0,1	83763	25	4839	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
2	IO 02	alle	64	0,1	107685	24	6159	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
2	IO 02	alle	64	0,1	197948	17	11299	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	89779	25	5088	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
2	IO 02	alle	64	0,1	182638	17	10346	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
2	IO 02	alle	64	0,1	114094	25	6448	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
2	IO 02	alle	64	0,1	190638	16	10170	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
2	IO 02	alle	64	0,1	106682	22	5555	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
2	IO 02	alle	64	0,1	136276	22	7083	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
2	IO 02	alle	64	0,1	112959	22	5779	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
2	IO 02	alle	64	0,1	144405	22	7372	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
2	IO 02	alle	64	0,1	246837	14	12305	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	93537	22	4572	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
2	IO 02	alle	64	0,1	99074	23	4839	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
2	IO 02	alle	64	0,1	257952	14	12468	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
2	IO 02	alle	64	0,1	134509	20	6264	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
2	IO 02	alle	64	0,1	172212	19	7977	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
2	IO 02	alle	64	0,1	263856	12	12048	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	142423	20	6493	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
2	IO 02	alle	64	0,1	181335	19	8234	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
2	IO 02	alle	64	0,1	93048	20	4172	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
2	IO 02	alle	64	0,1	98489	21	4402	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
2	IO 02	alle	64	0,1	131969	22	5855	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
2	IO 02	alle	64	0,1	275814	12	12146	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
2	IO 02	alle	64	0,1	251604	11	10877	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
2	IO 02	alle	64	0,1	169144	17	7066	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
2	IO 02	alle	64	0,1	177959	18	7304	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
2	IO 02	alle	64	0,1	130748	20	5279	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
2	IO 02	alle	64	0,1	270914	9	10898	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
2	IO 02	alle	64	0,1	272405	10	10935	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
2	IO 02	alle	64	0,1	295200	9	11021	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
2	IO 02	alle	64	0,1	106147	17	3629	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
2	IO 02	alle	64	0,1	105899	15	3192	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
2	IO 02	alle	64	0,1	96587	18	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
2	IO 02	alle	64	0,1	96587	18	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
2	IO 02	alle	64	0,1	116247	15	2235	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
2	IO 02	alle	64	0,1	118036	15	2235	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
2	IO 02	alle	64	0,1	119596	18	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
2	IO 02	alle	64	0,1	119596	18	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
2	IO 02	alle	64	0,1	122906	21	2237	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
2	IO 02	alle	64	0,1	122906	21	2237	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
2	IO 02	alle	64	0,1	126695	16	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
2	IO 02	alle	64	0,1	126695	16	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
2	IO 02	alle	64	0,1	153889	8	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
2	IO 02	alle	64	0,1	153889	8	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
2	IO 02	alle	64	0,1	157393	10	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
2	IO 02	alle	64	0,1	157393	10	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
2	IO 02	alle	64	0,1	158946	12	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
2	IO 02	alle	64	0,1	162157	11	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
2	IO 02	alle	64	0,1	163485	13	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
2	IO 02	alle	64	0,1	166382	13	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
2	IO 02	alle	64	0,1	179538	9	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
2	IO 02	alle	64	0,1	187159	7	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
2	IO 02	alle	64	0,1	187159	7	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
2	IO 02	alle	64	0,1	196559	8	2233	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	35,0	65,0	0,0
2	IO 02	alle	64	0,1	140305	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
2	IO 02	alle	64	0,1	110466	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
2	IO 02	alle	64	0,1	117118	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
2	IO 02	alle	64	0,1	183657	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	345800	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	318538	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	121856	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
2	IO 02	alle	64	0,1	141437	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	118458	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
2	IO 02	alle	64	0,1	117363	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
2	IO 02	alle	64	0,1	116128	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
2	IO 02	alle	64	0,1	90475	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
2	IO 02	alle	64	0,1	141017	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
2	IO 02	alle	64	0,1	90852	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-35,0	65,0	0,0
2	IO 02	alle	64	0,1	125888	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
2	IO 02	alle	64	0,1	185692	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	355184	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
2	IO 02	alle	64	0,1	327522	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
2	IO 02	alle	64	0,1	219624	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	144580	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
2	IO 02	alle	64	0,1	737151	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	122147	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
2	IO 02	alle	64	0,1	84975	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
2	IO 02	alle	64	0,1	118503	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
2	IO 02	alle	64	0,1	213919	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	119599	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
2	IO 02	alle	64	0,1	118458	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
2	IO 02	alle	64	0,1	84975	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
2	IO 02	alle	64	0,1	114144	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
2	IO 02	alle	64	0,1	112530	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
2	IO 02	alle	64	0,1	131206	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
2	IO 02	alle	64	0,1	837167	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
2	IO 02	alle	64	0,1	120922	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
2	IO 02	alle	64	0,1	144580	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
2	IO 02	alle	64	0,1	94530	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
2	IO 02	alle	64	0,1	120922	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
3	IO 03	alle	64	0,1	54234	116	14884	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	57159	116	14591	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	59019	114	14994	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
3	IO 03	alle	64	0,1	61366	116	14974	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	69864	107	16178	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	74367	106	16208	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	82999	113	16802	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	86568	100	17365	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	91679	99	17342	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	58320	69	10693	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
3	IO 03	alle	64	0,1	104463	95	18517	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	63427	69	10895	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
3	IO 03	alle	64	0,1	109601	94	18433	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
3	IO 03	alle	64	0,1	81117	79	12824	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
3	IO 03	alle	64	0,1	68943	255	10822	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
3	IO 03	alle	64	0,1	68943	255	10822	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
3	IO 03	alle	64	0,1	75879	64	11834	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
3	IO 03	alle	64	0,1	80623	65	11964	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
3	IO 03	alle	64	0,1	65672	54	9712	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
3	IO 03	alle	64	0,1	77917	260	11235	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
3	IO 03	alle	64	0,1	77917	260	11235	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
3	IO 03	alle	64	0,1	70358	55	9926	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
3	IO 03	alle	64	0,1	94618	60	12731	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
3	IO 03	alle	64	0,1	98456	35	12849	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	99944	61	12817	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
3	IO 03	alle	64	0,1	983269	5	125713	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	100919	33	12504	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	107859	34	12940	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	43432	84	5071	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
3	IO 03	alle	64	0,1	77925	145	9082	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
3	IO 03	alle	64	0,1	95844	53	10964	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
3	IO 03	alle	64	0,1	114639	55	13112	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
3	IO 03	alle	64	0,1	110678	31	12596	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	91448	33	10095	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
3	IO 03	alle	64	0,1	119913	55	13168	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
3	IO 03	alle	64	0,1	182162	15	19956	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	110131	28	11966	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	142849	16	15103	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	171214	15	17851	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	90016	31	9251	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
3	IO 03	alle	64	0,1	135995	17	13963	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	100180	32	10263	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
3	IO 03	alle	64	0,1	119927	28	12164	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	113482	25	11479	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	211215	13	20702	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	595519	5	58110	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	98513	31	9518	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
3	IO 03	alle	64	0,1	123704	25	11697	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	165642	15	15646	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	196192	13	18448	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	144983	23	13459	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	156473	15	14371	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0

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Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
3	IO 03	alle	64	0,1	90424	126	8198	5	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
3	IO 03	alle	64	0,1	321221	10	29012	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
3	IO 03	alle	64	0,1	109910	21	9921	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
3	IO 03	alle	64	0,1	108542	19	9719	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
3	IO 03	alle	64	0,1	112518	18	9923	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
3	IO 03	alle	64	0,1	154930	23	13506	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	150760	21	13124	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	113617	20	9760	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
3	IO 03	alle	64	0,1	71057	94	6102	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
3	IO 03	alle	64	0,1	71057	94	6102	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
3	IO 03	alle	64	0,1	113119	31	9668	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
3	IO 03	alle	64	0,1	94303	27	8055	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
3	IO 03	alle	64	0,1	110626	32	9425	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
3	IO 03	alle	64	0,1	284025	11	23558	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
3	IO 03	alle	64	0,1	130211	24	10796	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
3	IO 03	alle	64	0,1	102444	27	8443	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
3	IO 03	alle	64	0,1	161260	21	13203	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	122098	19	9895	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
3	IO 03	alle	64	0,1	122811	17	9838	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
3	IO 03	alle	64	0,1	127144	24	10179	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
3	IO 03	alle	64	0,1	77977	99	6194	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
3	IO 03	alle	64	0,1	127807	16	10116	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
3	IO 03	alle	64	0,1	139357	23	10911	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
3	IO 03	alle	64	0,1	126612	18	9760	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
3	IO 03	alle	64	0,1	111570	28	8600	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
3	IO 03	alle	64	0,1	93078	25	7133	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
3	IO 03	alle	64	0,1	135947	23	10333	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
3	IO 03	alle	64	0,1	101013	25	7500	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
3	IO 03	alle	64	0,1	82573	79	5853	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
3	IO 03	alle	64	0,1	82573	79	5853	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
3	IO 03	alle	64	0,1	186231	19	12957	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	90535	93	6074	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
3	IO 03	alle	64	0,1	215821	15	14461	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	195471	17	12622	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	151154	22	9726	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
3	IO 03	alle	64	0,1	228079	15	14497	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	184219	17	11647	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
3	IO 03	alle	64	0,1	177603	17	11063	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
3	IO 03	alle	64	0,1	230762	13	14278	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	195849	17	11737	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
3	IO 03	alle	64	0,1	188631	17	11157	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
3	IO 03	alle	64	0,1	243961	13	14342	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	148002	21	8652	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
3	IO 03	alle	64	0,1	206581	9	11458	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
3	IO 03	alle	64	0,1	227784	8	12575	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
3	IO 03	alle	64	0,1	231625	8	11881	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
3	IO 03	alle	64	0,1	258807	7	13265	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
3	IO 03	alle	64	0,1	352055	9	17181	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	253724	12	12365	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0

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Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
3	IO 03	alle	64	0,1	269651	11	13088	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
3	IO 03	alle	64	0,1	362057	9	17034	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
3	IO 03	alle	64	0,1	265454	12	12398	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
3	IO 03	alle	64	0,1	230077	9	10715	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
3	IO 03	alle	64	0,1	282214	11	13130	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
3	IO 03	alle	64	0,1	250462	8	11342	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
3	IO 03	alle	64	0,1	409168	7	17995	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	418128	7	17774	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
3	IO 03	alle	64	0,1	130810	21	4471	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
3	IO 03	alle	64	0,1	130810	21	4471	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
3	IO 03	alle	64	0,1	107666	12	3455	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
3	IO 03	alle	64	0,1	131428	18	3943	1	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
3	IO 03	alle	64	0,1	131428	18	3943	1	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
3	IO 03	alle	64	0,1	107371	11	3060	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
3	IO 03	alle	64	0,1	105249	32	2827	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
3	IO 03	alle	64	0,1	105249	32	2827	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
3	IO 03	alle	64	0,1	96664	27	2570	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
3	IO 03	alle	64	0,1	96664	27	2570	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
3	IO 03	alle	64	0,1	85874	21	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
3	IO 03	alle	64	0,1	85874	21	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
3	IO 03	alle	64	0,1	135089	14	2235	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
3	IO 03	alle	64	0,1	137371	13	2235	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
3	IO 03	alle	64	0,1	144867	15	2236	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
3	IO 03	alle	64	0,1	147063	15	2236	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
3	IO 03	alle	64	0,1	161607	6	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
3	IO 03	alle	64	0,1	167640	6	2234	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
3	IO 03	alle	64	0,1	209227	5	2231	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
3	IO 03	alle	64	0,1	209227	5	2231	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
3	IO 03	alle	64	0,1	355644	2	2229	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
3	IO 03	alle	64	0,1	355644	2	2229	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
3	IO 03	alle	64	0,1	98005	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
3	IO 03	alle	64	0,1	739166	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
3	IO 03	alle	64	0,1	451107	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
3	IO 03	alle	64	0,1	1113279	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	671967	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	123035	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	113943	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	250667	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	231651	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	119695	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
3	IO 03	alle	64	0,1	112443	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	102845	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
3	IO 03	alle	64	0,1	99492	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
3	IO 03	alle	64	0,1	645447	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
3	IO 03	alle	64	0,1	440119	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
3	IO 03	alle	64	0,1	79440	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
3	IO 03	alle	64	0,1	490005	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	116575	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	119046	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
3	IO 03	alle	64	0,1	263108	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	243321	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	79506	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
3	IO 03	alle	64	0,1	71096	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
3	IO 03	alle	64	0,1	300930	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
3	IO 03	alle	64	0,1	104749	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
3	IO 03	alle	64	0,1	279708	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
3	IO 03	alle	64	0,1	256899	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
3	IO 03	alle	64	0,1	71096	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
3	IO 03	alle	64	0,1	124785	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	93314	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
3	IO 03	alle	64	0,1	118982	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	209764	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	200646	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	105684	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
3	IO 03	alle	64	0,1	95337	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
3	IO 03	alle	64	0,1	119695	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
3	IO 03	alle	64	0,1	106879	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
3	IO 03	alle	64	0,1	292644	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
3	IO 03	alle	64	0,1	268913	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
3	IO 03	alle	64	0,1	110592	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
3	IO 03	alle	64	0,1	110736	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
3	IO 03	alle	64	0,1	109376	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
3	IO 03	alle	64	0,1	124205	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	221868	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
3	IO 03	alle	64	0,1	212059	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	142739	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	90577	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
3	IO 03	alle	64	0,1	102845	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
3	IO 03	alle	64	0,1	112126	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
3	IO 03	alle	64	0,1	300930	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
3	IO 03	alle	64	0,1	88273	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
3	IO 03	alle	64	0,1	392495	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
3	IO 03	alle	64	0,1	109376	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
3	IO 03	alle	64	0,1	288292	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
3	IO 03	alle	64	0,1	93271	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
3	IO 03	alle	64	0,1	160843	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	155225	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
3	IO 03	alle	64	0,1	109668	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
3	IO 03	alle	64	0,1	538014	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
3	IO 03	alle	64	0,1	610531	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
3	IO 03	alle	64	0,1	402344	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
3	IO 03	alle	64	0,1	52367	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
3	IO 03	alle	64	0,1	404038	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
4	IO 04	alle	64	0,1	57388	116	15707	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	56346	104	14732	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	61918	114	15779	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	61373	102	14831	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	73143	96	16098	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
4	IO 04	alle	64	0,1	58265	79	12159	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
4	IO 04	alle	64	0,1	77813	95	16122	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	84805	106	16950	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	63444	79	12299	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
4	IO 04	alle	64	0,1	90994	90	17376	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	96227	90	17339	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	75977	73	13376	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
4	IO 04	alle	64	0,1	63421	62	10729	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
4	IO 04	alle	64	0,1	80770	73	13441	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
4	IO 04	alle	64	0,1	110051	82	17868	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	68319	62	10915	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
4	IO 04	alle	64	0,1	68284	252	10834	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
4	IO 04	alle	64	0,1	68284	252	10834	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
4	IO 04	alle	64	0,1	115255	82	17808	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
4	IO 04	alle	64	0,1	94844	67	14249	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
4	IO 04	alle	64	0,1	85804	67	12324	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
4	IO 04	alle	64	0,1	100213	68	14260	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
4	IO 04	alle	64	0,1	77757	250	10994	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
4	IO 04	alle	64	0,1	77757	250	10994	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
4	IO 04	alle	64	0,1	103017	33	13095	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	94230	59	11976	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
4	IO 04	alle	64	0,1	114968	61	14462	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
4	IO 04	alle	64	0,1	105714	31	13112	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	120277	61	14460	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
4	IO 04	alle	64	0,1	1200108	3	140535	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
4	IO 04	alle	64	0,1	112826	31	13146	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	115915	30	13164	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	112595	28	12786	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	100439	30	11086	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
4	IO 04	alle	64	0,1	98343	30	10630	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
4	IO 04	alle	64	0,1	78204	130	8382	6	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
4	IO 04	alle	64	0,1	116235	25	12402	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	123044	27	12923	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	110108	28	11181	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
4	IO 04	alle	64	0,1	107692	29	10736	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
4	IO 04	alle	64	0,1	127158	25	12552	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	99911	28	9769	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
4	IO 04	alle	64	0,1	220483	10	21456	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	199105	11	18519	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	109026	28	10085	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
4	IO 04	alle	64	0,1	165501	12	15076	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	264848	9	23865	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	154297	21	13813	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	106105	34	9461	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
4	IO 04	alle	64	0,1	98200	26	8704	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
4	IO 04	alle	64	0,1	154304	13	13538	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	160996	20	13851	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	233427	10	19818	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	107038	26	9051	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
4	IO 04	alle	64	0,1	164652	21	13856	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	71492	89	5992	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
4	IO 04	alle	64	0,1	71492	89	5992	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
4	IO 04	alle	64	0,1	91342	113	7634	5	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
4	IO 04	alle	64	0,1	194604	11	16010	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	47988	55	3935	5	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
4	IO 04	alle	64	0,1	171970	19	13898	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	133999	13	10682	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
4	IO 04	alle	64	0,1	148690	20	11805	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
4	IO 04	alle	64	0,1	179225	11	14108	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	141641	12	11141	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
4	IO 04	alle	64	0,1	143801	20	11302	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
4	IO 04	alle	64	0,1	126509	15	9942	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
4	IO 04	alle	64	0,1	78290	94	6100	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
4	IO 04	alle	64	0,1	132611	14	10155	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
4	IO 04	alle	64	0,1	158849	19	11878	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
4	IO 04	alle	64	0,1	153480	20	11369	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
4	IO 04	alle	64	0,1	153567	12	10973	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
4	IO 04	alle	64	0,1	116482	24	8297	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
4	IO 04	alle	64	0,1	142454	14	10099	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
4	IO 04	alle	64	0,1	163559	11	11556	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
4	IO 04	alle	64	0,1	84578	76	5973	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
4	IO 04	alle	64	0,1	84578	76	5973	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
4	IO 04	alle	64	0,1	195124	18	13730	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	150126	13	10411	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
4	IO 04	alle	64	0,1	165498	20	10928	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
4	IO 04	alle	64	0,1	91492	88	5971	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
4	IO 04	alle	64	0,1	205775	16	13399	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	236672	13	15285	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	114966	22	7373	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
4	IO 04	alle	64	0,1	160962	20	10167	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
4	IO 04	alle	64	0,1	249105	13	15283	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	255909	12	15522	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	211210	14	12375	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
4	IO 04	alle	64	0,1	223449	13	13056	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
4	IO 04	alle	64	0,1	594175	3	34560	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
4	IO 04	alle	64	0,1	269316	12	15520	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	457121	4	25676	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
4	IO 04	alle	64	0,1	223078	14	12417	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
4	IO 04	alle	64	0,1	236135	13	13073	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
4	IO 04	alle	64	0,1	421742	7	20294	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	426766	7	19749	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
4	IO 04	alle	64	0,1	526716	5	23647	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	333825	8	14894	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
4	IO 04	alle	64	0,1	375478	7	16467	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
4	IO 04	alle	64	0,1	523389	6	22506	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
4	IO 04	alle	64	0,1	343996	9	14760	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
4	IO 04	alle	64	0,1	430711	4	18378	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
4	IO 04	alle	64	0,1	385467	7	16211	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
4	IO 04	alle	64	0,1	345162	5	14056	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
4	IO 04	alle	64	0,1	112118	13	4016	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
4	IO 04	alle	64	0,1	126827	23	4472	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
4	IO 04	alle	64	0,1	126827	23	4472	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
4	IO 04	alle	64	0,1	111558	12	3642	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
4	IO 04	alle	64	0,1	101868	38	3220	2	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
4	IO 04	alle	64	0,1	101868	38	3220	2	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
4	IO 04	alle	64	0,1	92299	31	2752	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
4	IO 04	alle	64	0,1	92299	31	2752	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
4	IO 04	alle	64	0,1	84441	21	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
4	IO 04	alle	64	0,1	84441	21	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
4	IO 04	alle	64	0,1	129873	14	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
4	IO 04	alle	64	0,1	131945	14	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
4	IO 04	alle	64	0,1	140868	15	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
4	IO 04	alle	64	0,1	142901	15	2236	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
4	IO 04	alle	64	0,1	153439	7	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
4	IO 04	alle	64	0,1	153439	7	2235	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
4	IO 04	alle	64	0,1	209295	4	2232	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
4	IO 04	alle	64	0,1	223328	3	2232	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
4	IO 04	alle	64	0,1	411259	1	2212	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
4	IO 04	alle	64	0,1	411259	1	2212	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
4	IO 04	alle	64	0,1	340700	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	104127	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	451917	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	346323	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	351359	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	103681	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	205366	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
4	IO 04	alle	64	0,1	97419	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
4	IO 04	alle	64	0,1	266309	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
4	IO 04	alle	64	0,1	241674	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
4	IO 04	alle	64	0,1	77552	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
4	IO 04	alle	64	0,1	119891	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	205366	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
4	IO 04	alle	64	0,1	104607	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	222138	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	207950	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	535539	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
4	IO 04	alle	64	0,1	485622	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	125032	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	99136	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
4	IO 04	alle	64	0,1	279300	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
4	IO 04	alle	64	0,1	253813	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
4	IO 04	alle	64	0,1	68649	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
4	IO 04	alle	64	0,1	92667	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
4	IO 04	alle	64	0,1	198016	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
4	IO 04	alle	64	0,1	109921	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	234944	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	219912	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
4	IO 04	alle	64	0,1	77719	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	-37,0	65,0	0,0
4	IO 04	alle	64	0,1	104956	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
4	IO 04	alle	64	0,1	117547	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	104431	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
4	IO 04	alle	64	0,1	217443	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
4	IO 04	alle	64	0,1	206425	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
4	IO 04	alle	64	0,1	99240	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	100981	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
4	IO 04	alle	64	0,1	1111203	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
4	IO 04	alle	64	0,1	111511	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	197863	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	189847	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	68649	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
4	IO 04	alle	64	0,1	90131	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
4	IO 04	alle	64	0,1	115040	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
4	IO 04	alle	64	0,1	106700	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
4	IO 04	alle	64	0,1	229953	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
4	IO 04	alle	64	0,1	218141	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
4	IO 04	alle	64	0,1	115040	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
4	IO 04	alle	64	0,1	104911	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
4	IO 04	alle	64	0,1	299204	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	116811	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	209698	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
4	IO 04	alle	64	0,1	201044	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
4	IO 04	alle	64	0,1	535539	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
4	IO 04	alle	64	0,1	108875	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
4	IO 04	alle	64	0,1	89310	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
4	IO 04	alle	64	0,1	111974	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
4	IO 04	alle	64	0,1	94223	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
4	IO 04	alle	64	0,1	100981	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
4	IO 04	alle	64	0,1	99457	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
4	IO 04	alle	64	0,1	103482	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
4	IO 04	alle	64	0,1	108875	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
4	IO 04	alle	64	0,1	226541	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
4	IO 04	alle	64	0,1	507529	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
4	IO 04	alle	64	0,1	852197	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
4	IO 04	alle	64	0,1	108097	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
4	IO 04	alle	64	0,1	274284	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
4	IO 04	alle	64	0,1	287560	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
4	IO 04	alle	64	0,1	171356	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
4	IO 04	alle	64	0,1	49267	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
4	IO 04	alle	64	0,1	84769	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
5	IO 05	alle	64	0,1	31713	99	20013	40	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
5	IO 05	alle	64	0,1	31794	98	19852	39	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
5	IO 05	alle	64	0,1	37405	86	19883	34	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
5	IO 05	alle	64	0,1	37232	83	18907	32	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
5	IO 05	alle	64	0,1	24922	125	11216	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
5	IO 05	alle	64	0,1	26926	130	11795	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
5	IO 05	alle	64	0,1	56064	66	21577	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
5	IO 05	alle	64	0,1	31836	82	11968	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	56363	64	21164	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
5	IO 05	alle	64	0,1	31573	80	11455	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	38631	372	13957	23	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
5	IO 05	alle	64	0,1	38631	372	13957	23	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
5	IO 05	alle	64	0,1	52744	60	18912	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
5	IO 05	alle	64	0,1	26632	67	9528	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	52755	60	18709	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
5	IO 05	alle	64	0,1	35707	79	12581	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	58349	60	20462	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
5	IO 05	alle	64	0,1	35364	78	12272	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	36490	120	12516	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
5	IO 05	alle	64	0,1	34888	118	11845	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
5	IO 05	alle	64	0,1	41934	120	14237	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
5	IO 05	alle	64	0,1	35055	113	11861	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
5	IO 05	alle	64	0,1	44150	123	14574	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
5	IO 05	alle	64	0,1	58509	56	19241	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
5	IO 05	alle	64	0,1	29303	64	9065	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	51630	112	15132	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
5	IO 05	alle	64	0,1	40460	103	11458	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
5	IO 05	alle	64	0,1	49765	321	13032	16	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
5	IO 05	alle	64	0,1	49765	321	13032	16	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
5	IO 05	alle	64	0,1	33715	49	8794	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
5	IO 05	alle	64	0,1	34118	48	8891	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
5	IO 05	alle	64	0,1	54890	103	14086	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
5	IO 05	alle	64	0,1	45493	49	11461	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	45153	64	11252	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	48703	64	11957	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	44749	62	10687	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	40575	48	9673	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
5	IO 05	alle	64	0,1	48203	63	11446	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	63718	95	14806	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
5	IO 05	alle	64	0,1	46376	50	10768	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	39610	45	9170	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
5	IO 05	alle	64	0,1	39087	46	9028	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
5	IO 05	alle	64	0,1	98437	28	22629	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
5	IO 05	alle	64	0,1	47681	58	10910	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
5	IO 05	alle	64	0,1	97113	28	22156	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
5	IO 05	alle	64	0,1	47153	58	10603	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
5	IO 05	alle	64	0,1	67509	95	14734	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
5	IO 05	alle	64	0,1	42082	49	8957	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
5	IO 05	alle	64	0,1	46492	58	9826	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	49696	41	10268	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
5	IO 05	alle	64	0,1	111870	25	22788	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
5	IO 05	alle	64	0,1	62098	48	12553	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	63101	47	12705	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	109703	25	22064	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
5	IO 05	alle	64	0,1	88699	29	17822	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
5	IO 05	alle	64	0,1	40501	177	8045	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
5	IO 05	alle	64	0,1	40501	177	8045	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
5	IO 05	alle	64	0,1	52171	38	10120	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
5	IO 05	alle	64	0,1	54522	41	10469	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
5	IO 05	alle	64	0,1	86588	28	16501	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
5	IO 05	alle	64	0,1	55452	40	10521	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
5	IO 05	alle	64	0,1	44197	155	8369	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
5	IO 05	alle	64	0,1	51362	37	9682	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
5	IO 05	alle	64	0,1	67605	46	12731	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	68818	44	12777	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	56911	39	10529	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	65531	40	11831	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	58776	41	10522	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	62854	40	11115	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
5	IO 05	alle	64	0,1	52203	44	9198	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
5	IO 05	alle	64	0,1	66877	37	11369	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	56829	35	9657	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
5	IO 05	alle	64	0,1	55869	35	9436	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
5	IO 05	alle	64	0,1	38917	121	6568	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
5	IO 05	alle	64	0,1	38917	121	6568	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
5	IO 05	alle	64	0,1	59616	39	9493	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
5	IO 05	alle	64	0,1	51923	111	7834	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
5	IO 05	alle	64	0,1	51923	111	7834	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
5	IO 05	alle	64	0,1	72298	34	10602	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	74981	36	10581	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	52649	154	7421	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
5	IO 05	alle	64	0,1	52649	154	7421	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
5	IO 05	alle	64	0,1	93738	29	13153	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	72303	30	9825	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
5	IO 05	alle	64	0,1	44326	110	5962	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
5	IO 05	alle	64	0,1	39094	92	5225	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
5	IO 05	alle	64	0,1	39094	92	5225	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
5	IO 05	alle	64	0,1	96597	27	12846	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	74003	28	9608	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
5	IO 05	alle	64	0,1	58866	126	7585	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
5	IO 05	alle	64	0,1	77586	23	9748	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
5	IO 05	alle	64	0,1	38242	32	4789	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	103962	27	12958	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	79828	22	9896	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
5	IO 05	alle	64	0,1	53679	85	6601	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
5	IO 05	alle	64	0,1	53679	85	6601	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
5	IO 05	alle	64	0,1	91142	31	10840	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	63578	33	7541	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	33725	29	3992	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	107511	24	12589	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	83646	22	9679	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
5	IO 05	alle	64	0,1	93999	32	10837	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
5	IO 05	alle	64	0,1	86178	21	9857	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
5	IO 05	alle	64	0,1	91156	21	10335	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
5	IO 05	alle	64	0,1	38125	28	4198	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
5	IO 05	alle	64	0,1	63042	30	6741	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	271292	14	28374	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
5	IO 05	alle	64	0,1	271292	14	28374	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
5	IO 05	alle	64	0,1	99724	28	10362	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
5	IO 05	alle	64	0,1	99724	28	10362	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
5	IO 05	alle	64	0,1	33658	25	3466	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	73366	28	7373	6	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
5	IO 05	alle	64	0,1	109904	17	10965	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
5	IO 05	alle	64	0,1	59068	90	5453	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
5	IO 05	alle	64	0,1	53149	64	4537	5	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
5	IO 05	alle	64	0,1	162860	13	13572	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	125227	13	10229	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
5	IO 05	alle	64	0,1	132524	12	10625	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
5	IO 05	alle	64	0,1	48590	23	3841	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
5	IO 05	alle	64	0,1	219647	6	16844	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
5	IO 05	alle	64	0,1	175296	11	13374	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	134029	13	10152	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
5	IO 05	alle	64	0,1	65728	22	4963	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	182808	12	13553	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
5	IO 05	alle	64	0,1	141941	12	10467	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
5	IO 05	alle	64	0,1	68014	66	4968	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
5	IO 05	alle	64	0,1	61163	20	4433	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	90626	20	6529	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	49184	21	3533	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	48457	21	3470	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
5	IO 05	alle	64	0,1	83880	19	5959	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	147366	3	9894	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	65405	19	4359	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	198912	10	13217	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
5	IO 05	alle	64	0,1	45806	19	3031	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	117367	17	7656	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	125865	17	8118	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
5	IO 05	alle	64	0,1	89750	18	5784	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	83177	17	5336	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	49099	19	3117	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	60926	18	3866	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	71885	18	4465	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
5	IO 05	alle	64	0,1	45772	17	2700	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	115568	15	6816	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	123754	16	7279	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
5	IO 05	alle	64	0,1	53486	39	2823	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
5	IO 05	alle	64	0,1	243162	6	12527	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
5	IO 05	alle	64	0,1	248268	6	12392	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
5	IO 05	alle	64	0,1	290329	5	14072	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
5	IO 05	alle	64	0,1	291936	5	13409	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
5	IO 05	alle	64	0,1	80087	15	3419	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
5	IO 05	alle	64	0,1	80087	15	3419	2	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
5	IO 05	alle	64	0,1	68455	36	2786	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
5	IO 05	alle	64	0,1	127092	5	3061	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
5	IO 05	alle	64	0,1	127092	5	3061	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
5	IO 05	alle	64	0,1	156348	2	3241	1	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
5	IO 05	alle	64	0,1	147039	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
5	IO 05	alle	64	0,1	142396	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
5	IO 05	alle	64	0,1	109009	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
5	IO 05	alle	64	0,1	296716	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
5	IO 05	alle	64	0,1	115092	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
5	IO 05	alle	64	0,1	71202	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	71463	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	183025	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
5	IO 05	alle	64	0,1	64362	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
5	IO 05	alle	64	0,1	69668	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	867162	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
5	IO 05	alle	64	0,1	137198	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
5	IO 05	alle	64	0,1	157172	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
5	IO 05	alle	64	0,1	151860	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
5	IO 05	alle	64	0,1	98494	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	71144	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	415336	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
5	IO 05	alle	64	0,1	75502	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	115092	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
5	IO 05	alle	64	0,1	330558	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
5	IO 05	alle	64	0,1	153766	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
5	IO 05	alle	64	0,1	119507	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
5	IO 05	alle	64	0,1	352019	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
5	IO 05	alle	64	0,1	135489	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
5	IO 05	alle	64	0,1	130176	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
5	IO 05	alle	64	0,1	73913	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	118699	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	57422	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
5	IO 05	alle	64	0,1	157804	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
5	IO 05	alle	64	0,1	130176	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
5	IO 05	alle	64	0,1	57422	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
5	IO 05	alle	64	0,1	67358	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	183025	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
5	IO 05	alle	64	0,1	63220	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
5	IO 05	alle	64	0,1	139537	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
5	IO 05	alle	64	0,1	93112	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
5	IO 05	alle	64	0,1	51923	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
5	IO 05	alle	64	0,1	255539	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
6	IO 06	alle	64	0,1	560081	44	548941	62	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
6	IO 06	alle	64	0,1	560081	44	548941	62	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
6	IO 06	alle	64	0,1	190842	45	149296	50	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
6	IO 06	alle	64	0,1	190842	45	149296	50	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
6	IO 06	alle	64	0,1	25718	111	16963	42	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
6	IO 06	alle	64	0,1	25786	111	16959	42	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
6	IO 06	alle	64	0,1	24715	108	15773	40	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
6	IO 06	alle	64	0,1	24612	103	15039	39	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
6	IO 06	alle	64	0,1	29257	486	16475	36	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
6	IO 06	alle	64	0,1	29257	486	16475	36	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
6	IO 06	alle	64	0,1	26760	77	12764	30	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	25096	81	11748	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
6	IO 06	alle	64	0,1	45668	87	21155	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
6	IO 06	alle	64	0,1	33521	83	15092	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
6	IO 06	alle	64	0,1	45439	85	20356	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
6	IO 06	alle	64	0,1	44626	83	19614	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
6	IO 06	alle	64	0,1	24938	76	10931	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
6	IO 06	alle	64	0,1	27857	64	11922	27	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	47164	66	20033	27	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
6	IO 06	alle	64	0,1	44325	80	18629	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
6	IO 06	alle	64	0,1	30383	130	12727	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
6	IO 06	alle	64	0,1	33269	77	13897	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
6	IO 06	alle	64	0,1	32944	94	13730	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
6	IO 06	alle	64	0,1	46863	63	19096	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
6	IO 06	alle	64	0,1	24278	101	9179	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
6	IO 06	alle	64	0,1	27162	68	10260	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
6	IO 06	alle	64	0,1	33274	81	12064	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
6	IO 06	alle	64	0,1	26952	65	9623	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
6	IO 06	alle	64	0,1	24622	92	8788	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
6	IO 06	alle	64	0,1	24549	106	8554	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
6	IO 06	alle	64	0,1	29577	265	10104	21	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
6	IO 06	alle	64	0,1	29577	265	10104	21	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
6	IO 06	alle	64	0,1	44562	66	15213	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
6	IO 06	alle	64	0,1	62073	51	21050	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
6	IO 06	alle	64	0,1	43850	110	14210	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
6	IO 06	alle	64	0,1	45768	115	14743	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
6	IO 06	alle	64	0,1	40280	341	12926	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
6	IO 06	alle	64	0,1	40280	341	12926	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
6	IO 06	alle	64	0,1	44154	62	14040	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
6	IO 06	alle	64	0,1	52587	115	16669	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
6	IO 06	alle	64	0,1	38940	105	12188	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
6	IO 06	alle	64	0,1	62303	46	19420	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
6	IO 06	alle	64	0,1	36782	71	11355	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
6	IO 06	alle	64	0,1	27687	72	8511	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	24975	76	7657	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
6	IO 06	alle	64	0,1	38317	97	11560	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
6	IO 06	alle	64	0,1	41880	68	12622	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	41406	68	12406	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	55388	112	16183	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
6	IO 06	alle	64	0,1	67016	43	19325	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
6	IO 06	alle	64	0,1	45865	57	13225	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
6	IO 06	alle	64	0,1	67076	43	19242	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
6	IO 06	alle	64	0,1	26534	70	7580	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
6	IO 06	alle	64	0,1	35666	91	9995	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
6	IO 06	alle	64	0,1	34632	58	9555	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	37193	63	10262	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
6	IO 06	alle	64	0,1	45378	54	12137	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
6	IO 06	alle	64	0,1	27559	62	7267	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
6	IO 06	alle	64	0,1	29582	63	7763	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
6	IO 06	alle	64	0,1	36383	82	9474	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
6	IO 06	alle	64	0,1	50557	43	12769	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	32950	175	8296	16	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
6	IO 06	alle	64	0,1	29026	159	7209	15	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
6	IO 06	alle	64	0,1	29026	159	7209	15	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
6	IO 06	alle	64	0,1	54141	42	12818	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
6	IO 06	alle	64	0,1	27009	55	6335	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	57930	53	13428	14	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
6	IO 06	alle	64	0,1	57555	53	13284	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
6	IO 06	alle	64	0,1	32924	30	7533	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	55342	35	12552	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	41448	211	8967	13	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
6	IO 06	alle	64	0,1	41448	211	8967	13	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
6	IO 06	alle	64	0,1	58878	34	12625	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	51237	54	10936	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	38936	146	8264	13	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
6	IO 06	alle	64	0,1	38936	146	8264	13	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
6	IO 06	alle	64	0,1	26912	49	5640	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	56829	37	11892	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	38790	62	8049	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
6	IO 06	alle	64	0,1	48671	52	9926	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	50722	51	10135	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	46723	39	9211	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
6	IO 06	alle	64	0,1	59900	34	11759	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
6	IO 06	alle	64	0,1	47484	38	9295	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
6	IO 06	alle	64	0,1	41406	57	8071	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
6	IO 06	alle	64	0,1	127960	18	24893	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
6	IO 06	alle	64	0,1	65646	43	12437	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	41426	52	7717	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	58796	33	10946	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
6	IO 06	alle	64	0,1	48244	47	8942	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	64591	42	11923	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	129536	17	23721	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
6	IO 06	alle	64	0,1	71503	41	12795	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	70203	41	12535	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	41182	105	7305	11	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
6	IO 06	alle	64	0,1	41182	105	7305	11	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
6	IO 06	alle	64	0,1	148555	16	26266	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
6	IO 06	alle	64	0,1	59231	34	10407	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
6	IO 06	alle	64	0,1	152286	15	26596	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
6	IO 06	alle	64	0,1	52442	44	9146	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
6	IO 06	alle	64	0,1	63346	31	10845	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
6	IO 06	alle	64	0,1	36355	45	6197	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
6	IO 06	alle	64	0,1	62083	30	10230	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
6	IO 06	alle	64	0,1	41197	46	6770	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	28400	92	4577	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
6	IO 06	alle	64	0,1	28400	92	4577	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
6	IO 06	alle	64	0,1	33045	112	5319	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
6	IO 06	alle	64	0,1	68886	27	11002	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	58214	39	9214	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
6	IO 06	alle	64	0,1	68344	30	10692	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	40735	44	6308	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	36171	41	5501	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
6	IO 06	alle	64	0,1	47247	129	7086	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
6	IO 06	alle	64	0,1	27248	35	4022	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	40751	18	5983	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	40552	39	5604	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	97002	27	13371	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	35540	41	4787	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
6	IO 06	alle	64	0,1	69216	17	9262	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	100174	25	13392	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	27195	32	3604	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	35242	41	4668	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
6	IO 06	alle	64	0,1	84693	24	10907	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	84911	27	10815	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
6	IO 06	alle	64	0,1	38174	84	4830	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
6	IO 06	alle	64	0,1	107038	25	13439	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
6	IO 06	alle	64	0,1	110989	23	13289	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
6	IO 06	alle	64	0,1	92665	17	10894	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
6	IO 06	alle	64	0,1	57598	33	6731	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
6	IO 06	alle	64	0,1	57598	33	6731	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
6	IO 06	alle	64	0,1	89221	18	10398	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
6	IO 06	alle	64	0,1	86343	22	9833	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
6	IO 06	alle	64	0,1	43376	29	4847	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	28915	27	3180	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	87794	29	9625	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
6	IO 06	alle	64	0,1	87794	29	9625	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
6	IO 06	alle	64	0,1	95451	17	10235	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
6	IO 06	alle	64	0,1	99294	17	10550	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
6	IO 06	alle	64	0,1	52578	85	5477	6	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
6	IO 06	alle	64	0,1	40803	30	4234	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	47409	87	4827	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
6	IO 06	alle	64	0,1	104333	18	10329	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
6	IO 06	alle	64	0,1	43222	26	4256	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	28888	24	2832	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	88378	10	8552	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	40685	27	3821	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	41759	25	3621	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	38367	55	3192	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
6	IO 06	alle	64	0,1	41679	23	3237	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	161599	8	11891	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
6	IO 06	alle	64	0,1	179116	8	13141	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
6	IO 06	alle	64	0,1	45087	20	3069	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
6	IO 06	alle	64	0,1	45087	20	3069	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
6	IO 06	alle	64	0,1	168220	9	11416	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
6	IO 06	alle	64	0,1	185784	8	12541	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
6	IO 06	alle	64	0,1	92403	16	5786	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
6	IO 06	alle	64	0,1	67732	17	4233	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	172688	3	10763	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
6	IO 06	alle	64	0,1	85996	16	5290	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	52861	47	3061	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
6	IO 06	alle	64	0,1	63174	15	3658	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	48826	16	2807	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	91589	15	5172	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	51270	16	2854	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	432535	3	23846	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
6	IO 06	alle	64	0,1	67471	15	3686	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	85365	14	4646	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	48795	15	2602	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
6	IO 06	alle	64	0,1	63011	14	3224	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	51250	14	2564	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
6	IO 06	alle	64	0,1	44787	21	2235	3	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
6	IO 06	alle	64	0,1	44787	21	2235	3	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
6	IO 06	alle	64	0,1	105664	11	4463	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
6	IO 06	alle	64	0,1	105664	11	4463	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
6	IO 06	alle	64	0,1	87380	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	350011	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
6	IO 06	alle	64	0,1	182371	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
6	IO 06	alle	64	0,1	66760	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	255236	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
6	IO 06	alle	64	0,1	305483	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
6	IO 06	alle	64	0,1	164577	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
6	IO 06	alle	64	0,1	66280	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	98632	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	255236	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
6	IO 06	alle	64	0,1	170956	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
6	IO 06	alle	64	0,1	66508	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
6	IO 06	alle	64	0,1	68972	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
6	IO 06	alle	64	0,1	65115	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	164252	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
6	IO 06	alle	64	0,1	62882	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	84307	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
6	IO 06	alle	64	0,1	158817	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
6	IO 06	alle	64	0,1	128118	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
6	IO 06	alle	64	0,1	84651	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
7	IO 07	alle	64	0,1	24270	498	15385	40	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
7	IO 07	alle	64	0,1	24270	498	15385	40	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
7	IO 07	alle	64	0,1	24197	404	12846	33	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
7	IO 07	alle	64	0,1	24197	404	12846	33	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
7	IO 07	alle	64	0,1	30887	101	14813	30	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
7	IO 07	alle	64	0,1	31113	100	14482	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
7	IO 07	alle	64	0,1	39965	88	18463	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
7	IO 07	alle	64	0,1	30769	97	14114	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
7	IO 07	alle	64	0,1	39968	87	18302	29	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
7	IO 07	alle	64	0,1	30952	95	13624	28	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
7	IO 07	alle	64	0,1	30886	92	13368	27	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
7	IO 07	alle	64	0,1	37715	120	16221	27	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
7	IO 07	alle	64	0,1	30730	88	12605	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
7	IO 07	alle	64	0,1	31811	89	12988	26	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
7	IO 07	alle	64	0,1	25102	133	9957	25	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
7	IO 07	alle	64	0,1	31612	84	12129	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
7	IO 07	alle	64	0,1	37385	107	14298	24	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
7	IO 07	alle	64	0,1	49917	86	18275	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
7	IO 07	alle	64	0,1	50229	85	18216	23	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
7	IO 07	alle	64	0,1	59339	70	20830	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
7	IO 07	alle	64	0,1	61074	69	21315	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
7	IO 07	alle	64	0,1	30789	116	10737	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
7	IO 07	alle	64	0,1	60736	69	21160	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
7	IO 07	alle	64	0,1	36141	73	12529	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	49560	82	17151	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
7	IO 07	alle	64	0,1	49934	81	17222	22	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
7	IO 07	alle	64	0,1	58912	68	19975	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
7	IO 07	alle	64	0,1	49729	79	16672	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
7	IO 07	alle	64	0,1	50616	78	16554	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
7	IO 07	alle	64	0,1	28009	209	8901	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
7	IO 07	alle	64	0,1	49374	75	15642	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
7	IO 07	alle	64	0,1	35363	312	11149	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
7	IO 07	alle	64	0,1	35363	312	11149	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
7	IO 07	alle	64	0,1	25239	96	7898	20	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
7	IO 07	alle	64	0,1	34146	59	10594	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	33825	70	10400	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
7	IO 07	alle	64	0,1	50191	74	15306	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
7	IO 07	alle	64	0,1	35562	290	10657	19	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
7	IO 07	alle	64	0,1	35562	290	10657	19	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
7	IO 07	alle	64	0,1	33549	68	9919	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
7	IO 07	alle	64	0,1	38057	79	11211	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	37428	52	10961	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	37783	78	10867	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	51064	108	14397	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
7	IO 07	alle	64	0,1	30121	87	8475	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
7	IO 07	alle	64	0,1	52899	113	14876	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
7	IO 07	alle	64	0,1	26334	181	7228	17	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
7	IO 07	alle	64	0,1	26334	181	7228	17	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
7	IO 07	alle	64	0,1	46121	104	12622	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
7	IO 07	alle	64	0,1	29016	86	7866	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
7	IO 07	alle	64	0,1	37212	80	10067	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
7	IO 07	alle	64	0,1	45318	97	11991	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
7	IO 07	alle	64	0,1	114344	48	30173	16	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
7	IO 07	alle	64	0,1	114344	48	30173	16	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
7	IO 07	alle	64	0,1	31764	79	8284	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
7	IO 07	alle	64	0,1	208590	23	54132	16	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
7	IO 07	alle	64	0,1	36873	46	9535	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	30157	78	7603	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
7	IO 07	alle	64	0,1	58693	52	14767	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
7	IO 07	alle	64	0,1	24406	81	6135	16	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
7	IO 07	alle	64	0,1	36978	75	9275	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
7	IO 07	alle	64	0,1	83974	39	21039	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
7	IO 07	alle	64	0,1	42344	91	10459	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
7	IO 07	alle	64	0,1	29355	160	7241	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
7	IO 07	alle	64	0,1	27470	76	6703	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
7	IO 07	alle	64	0,1	33482	61	8153	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
7	IO 07	alle	64	0,1	34192	172	8162	15	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
7	IO 07	alle	64	0,1	34192	172	8162	15	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
7	IO 07	alle	64	0,1	33791	59	8016	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
7	IO 07	alle	64	0,1	84307	36	19727	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
7	IO 07	alle	64	0,1	57991	49	13564	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
7	IO 07	alle	64	0,1	27377	73	6402	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
7	IO 07	alle	64	0,1	42787	83	9950	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
7	IO 07	alle	64	0,1	41392	50	9614	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
7	IO 07	alle	64	0,1	24305	74	5537	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
7	IO 07	alle	64	0,1	41558	38	9353	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	40923	49	9198	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
7	IO 07	alle	64	0,1	60101	47	13272	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
7	IO 07	alle	64	0,1	91014	34	19902	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
7	IO 07	alle	64	0,1	90967	34	19864	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
7	IO 07	alle	64	0,1	41763	80	9068	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
7	IO 07	alle	64	0,1	40656	79	8509	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
7	IO 07	alle	64	0,1	59304	44	12217	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
7	IO 07	alle	64	0,1	43601	72	8786	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
7	IO 07	alle	64	0,1	43783	52	8650	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
7	IO 07	alle	64	0,1	66510	35	12999	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	60431	36	11798	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
7	IO 07	alle	64	0,1	41694	71	8109	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
7	IO 07	alle	64	0,1	36488	105	6796	11	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
7	IO 07	alle	64	0,1	36488	105	6796	11	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
7	IO 07	alle	64	0,1	66019	54	12290	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
7	IO 07	alle	64	0,1	66019	54	12290	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
7	IO 07	alle	64	0,1	28095	121	5183	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
7	IO 07	alle	64	0,1	71886	30	13144	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	65296	33	11826	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	62310	51	11241	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	59717	35	10764	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	31969	50	5548	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	59086	48	10195	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	47818	57	8242	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
7	IO 07	alle	64	0,1	24646	93	4243	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
7	IO 07	alle	64	0,1	24646	93	4243	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
7	IO 07	alle	64	0,1	61612	48	10400	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	32014	49	5359	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	75979	29	12636	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	50542	51	8371	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	50706	53	8377	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
7	IO 07	alle	64	0,1	72588	32	11888	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	27715	50	4465	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
7	IO 07	alle	64	0,1	27715	50	4465	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
7	IO 07	alle	64	0,1	77604	40	12472	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	41869	132	6708	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
7	IO 07	alle	64	0,1	31852	46	5041	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	29158	43	4607	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
7	IO 07	alle	64	0,1	29158	43	4607	10	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
7	IO 07	alle	64	0,1	58503	45	9219	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	77625	29	12150	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
7	IO 07	alle	64	0,1	76288	40	11937	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	65042	28	10171	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	118536	25	18420	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
7	IO 07	alle	64	0,1	83547	39	12824	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	29463	99	4502	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
7	IO 07	alle	64	0,1	43240	124	6603	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
7	IO 07	alle	64	0,1	81966	39	12508	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	58512	48	8843	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
7	IO 07	alle	64	0,1	58512	48	8843	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
7	IO 07	alle	64	0,1	31925	44	4767	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	75900	28	11261	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
7	IO 07	alle	64	0,1	188682	13	27989	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
7	IO 07	alle	64	0,1	74276	24	10923	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	32058	43	4696	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	44417	44	6486	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
7	IO 07	alle	64	0,1	44417	44	6486	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
7	IO 07	alle	64	0,1	50212	45	7268	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	63552	41	9180	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
7	IO 07	alle	64	0,1	49537	44	7084	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	191999	12	27132	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
7	IO 07	alle	64	0,1	221286	11	30971	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
7	IO 07	alle	64	0,1	81653	26	11218	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
7	IO 07	alle	64	0,1	229558	10	31145	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
7	IO 07	alle	64	0,1	31969	39	4325	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	32634	40	4393	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	79710	26	10531	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
7	IO 07	alle	64	0,1	70629	36	9261	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
7	IO 07	alle	64	0,1	86670	24	11190	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	84820	27	10804	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
7	IO 07	alle	64	0,1	49260	39	6252	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	45304	41	5556	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	45428	40	5361	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	32570	35	3835	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	35068	57	4048	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
7	IO 07	alle	64	0,1	35068	57	4048	7	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
7	IO 07	alle	64	0,1	45143	37	4965	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	45231	37	4903	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	42021	87	4476	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
7	IO 07	alle	64	0,1	45147	36	4750	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	45791	36	4767	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
7	IO 07	alle	64	0,1	43418	81	4351	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
7	IO 07	alle	64	0,1	117069	15	11589	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
7	IO 07	alle	64	0,1	100035	21	9811	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
7	IO 07	alle	64	0,1	44989	33	4380	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	111958	16	10819	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
7	IO 07	alle	64	0,1	45665	31	4175	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
7	IO 07	alle	64	0,1	117824	15	10601	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
7	IO 07	alle	64	0,1	123361	15	11037	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
7	IO 07	alle	64	0,1	118184	17	10242	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
7	IO 07	alle	64	0,1	129095	8	10930	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	49577	25	3941	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	39340	23	3033	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	218201	4	16461	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	81924	10	6112	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
7	IO 07	alle	64	0,1	49442	23	3553	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	101195	13	7172	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
7	IO 07	alle	64	0,1	39315	20	2709	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	50659	22	3487	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	113929	5	7366	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	50564	20	3111	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	82404	13	4467	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
7	IO 07	alle	64	0,1	77928	16	4062	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	73428	14	3550	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	58451	14	2768	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	61274	15	2882	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	77649	14	3525	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	58419	13	2567	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
7	IO 07	alle	64	0,1	73252	13	3151	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	61243	13	2556	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
7	IO 07	alle	64	0,1	62677	14	2254	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
7	IO 07	alle	64	0,1	62677	14	2254	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
7	IO 07	alle	64	0,1	919373	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
7	IO 07	alle	64	0,1	95514	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	73075	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	74641	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	89625	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
7	IO 07	alle	64	0,1	75154	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
8	IO 08	alle	64	0,1	27032	911	25473	60	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
8	IO 08	alle	64	0,1	27032	911	25473	60	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
8	IO 08	alle	64	0,1	37326	558	17800	30	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
8	IO 08	alle	64	0,1	37326	558	17800	30	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
8	IO 08	alle	64	0,1	26930	388	12114	28	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
8	IO 08	alle	64	0,1	26930	388	12114	28	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
8	IO 08	alle	64	0,1	28813	305	10889	24	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
8	IO 08	alle	64	0,1	58835	100	19386	21	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
8	IO 08	alle	64	0,1	161852	46	51782	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
8	IO 08	alle	64	0,1	51078	102	15862	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
8	IO 08	alle	64	0,1	58934	92	17887	19	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
8	IO 08	alle	64	0,1	50829	97	14986	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
8	IO 08	alle	64	0,1	50746	96	14807	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
8	IO 08	alle	64	0,1	54681	121	15952	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
8	IO 08	alle	64	0,1	51162	96	14827	18	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
8	IO 08	alle	64	0,1	38165	301	10753	18	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
8	IO 08	alle	64	0,1	38165	301	10753	18	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
8	IO 08	alle	64	0,1	50513	91	14020	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
8	IO 08	alle	64	0,1	50874	91	13889	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
8	IO 08	alle	64	0,1	137979	46	37566	17	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
8	IO 08	alle	64	0,1	50942	90	13837	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
8	IO 08	alle	64	0,1	69945	94	18765	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
8	IO 08	alle	64	0,1	79417	84	21302	17	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
8	IO 08	alle	64	0,1	78071	83	20580	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
8	IO 08	alle	64	0,1	38379	132	9999	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
8	IO 08	alle	64	0,1	79020	82	20557	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
8	IO 08	alle	64	0,1	54219	108	14001	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
8	IO 08	alle	64	0,1	50666	85	13007	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
8	IO 08	alle	64	0,1	77606	81	19710	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
8	IO 08	alle	64	0,1	69513	89	17591	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
8	IO 08	alle	64	0,1	70143	89	17603	16	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
8	IO 08	alle	64	0,1	69978	87	17408	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
8	IO 08	alle	64	0,1	69560	83	16313	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
8	IO 08	alle	64	0,1	69652	83	16334	15	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
8	IO 08	alle	64	0,1	69720	82	16256	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
8	IO 08	alle	64	0,1	57258	72	13255	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	28871	186	6674	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
8	IO 08	alle	64	0,1	93233	64	21304	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
8	IO 08	alle	64	0,1	41791	220	9423	14	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
8	IO 08	alle	64	0,1	44548	110	9951	14	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
8	IO 08	alle	64	0,1	69246	78	15137	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
8	IO 08	alle	64	0,1	93621	60	20292	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
8	IO 08	alle	64	0,1	33811	189	7258	13	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
8	IO 08	alle	64	0,1	33811	189	7258	13	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
8	IO 08	alle	64	0,1	97127	59	20366	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
8	IO 08	alle	64	0,1	39217	97	8048	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
8	IO 08	alle	64	0,1	53027	85	10858	13	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	35378	64	7152	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
8	IO 08	alle	64	0,1	35378	64	7152	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
8	IO 08	alle	64	0,1	64364	112	12856	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
8	IO 08	alle	64	0,1	33785	153	6701	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
8	IO 08	alle	64	0,1	63089	107	12440	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
8	IO 08	alle	64	0,1	77182	64	15126	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
8	IO 08	alle	64	0,1	59796	55	11663	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	97389	54	18949	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
8	IO 08	alle	64	0,1	52938	68	10293	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
8	IO 08	alle	64	0,1	40163	183	7769	12	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
8	IO 08	alle	64	0,1	40163	183	7769	12	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
8	IO 08	alle	64	0,1	44298	91	8513	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
8	IO 08	alle	64	0,1	59304	104	11391	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
8	IO 08	alle	64	0,1	34533	78	6610	12	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
8	IO 08	alle	64	0,1	53541	83	10232	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
8	IO 08	alle	64	0,1	53194	83	10029	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
8	IO 08	alle	64	0,1	52490	67	9847	12	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
8	IO 08	alle	64	0,1	58819	99	10983	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
8	IO 08	alle	64	0,1	45464	86	8418	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
8	IO 08	alle	64	0,1	52712	76	9693	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	58942	60	10758	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
8	IO 08	alle	64	0,1	24527	83	4473	11	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
8	IO 08	alle	64	0,1	76444	60	13933	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
8	IO 08	alle	64	0,1	78170	59	14045	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
8	IO 08	alle	64	0,1	24425	82	4377	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
8	IO 08	alle	64	0,1	56420	94	10042	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
8	IO 08	alle	64	0,1	58364	50	10270	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	43897	83	7691	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
8	IO 08	alle	64	0,1	106627	50	18662	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
8	IO 08	alle	64	0,1	106627	50	18662	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
8	IO 08	alle	64	0,1	34475	70	5946	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
8	IO 08	alle	64	0,1	63070	46	10858	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	58384	57	10042	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
8	IO 08	alle	64	0,1	56809	89	9695	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
8	IO 08	alle	64	0,1	45197	78	7565	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
8	IO 08	alle	64	0,1	77360	56	12900	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
8	IO 08	alle	64	0,1	55733	86	9077	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
8	IO 08	alle	64	0,1	123430	38	19592	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
8	IO 08	alle	64	0,1	123506	38	19596	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
8	IO 08	alle	64	0,1	51481	58	7998	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
8	IO 08	alle	64	0,1	51962	58	8055	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
8	IO 08	alle	64	0,1	57083	81	8846	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
8	IO 08	alle	64	0,1	61835	42	9563	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	130782	36	20058	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
8	IO 08	alle	64	0,1	41674	109	6338	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
8	IO 08	alle	64	0,1	41674	109	6338	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
8	IO 08	alle	64	0,1	130997	36	19672	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
8	IO 08	alle	64	0,1	59519	56	8852	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
8	IO 08	alle	64	0,1	59519	56	8852	9	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
8	IO 08	alle	64	0,1	55501	79	8212	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
8	IO 08	alle	64	0,1	87239	42	12809	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	66172	57	9603	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
8	IO 08	alle	64	0,1	66172	57	9603	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
8	IO 08	alle	64	0,1	55718	60	7942	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
8	IO 08	alle	64	0,1	89944	43	12707	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
8	IO 08	alle	64	0,1	74456	61	10514	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	41896	137	5904	9	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
8	IO 08	alle	64	0,1	90978	38	12815	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	56601	73	7959	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
8	IO 08	alle	64	0,1	85939	40	12066	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	93932	38	12828	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	91464	40	12402	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	87938	55	11838	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	72185	58	9702	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
8	IO 08	alle	64	0,1	84194	55	11272	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	88652	41	11800	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
8	IO 08	alle	64	0,1	73851	57	9591	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	61928	63	7972	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
8	IO 08	alle	64	0,1	30109	60	3873	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
8	IO 08	alle	64	0,1	30109	60	3873	8	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
8	IO 08	alle	64	0,1	92645	40	11918	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
8	IO 08	alle	64	0,1	86927	53	11164	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	88025	34	11114	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
8	IO 08	alle	64	0,1	83302	52	10460	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	91899	34	11494	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	64182	60	7985	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
8	IO 08	alle	64	0,1	84814	36	10496	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	47831	54	5892	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	65698	56	8088	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	91226	39	11105	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
8	IO 08	alle	64	0,1	71653	52	8586	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	101143	34	11868	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	46895	109	5480	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
8	IO 08	alle	64	0,1	73163	52	8515	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
8	IO 08	alle	64	0,1	99987	35	11386	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
8	IO 08	alle	64	0,1	32865	77	3738	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
8	IO 08	alle	64	0,1	32865	77	3738	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
8	IO 08	alle	64	0,1	77621	49	8718	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
8	IO 08	alle	64	0,1	89901	30	10007	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	47680	48	5255	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	64847	50	7144	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	47706	47	5177	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	48031	47	5193	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	65333	49	7025	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	33918	81	3568	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
8	IO 08	alle	64	0,1	110594	29	11419	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
8	IO 08	alle	64	0,1	47548	44	4757	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	92087	40	9199	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
8	IO 08	alle	64	0,1	108241	29	10679	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
8	IO 08	alle	64	0,1	60963	47	5970	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	47959	43	4672	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	64524	45	6275	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	47906	42	4601	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	114858	28	10886	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
8	IO 08	alle	64	0,1	99606	36	9289	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
8	IO 08	alle	64	0,1	48322	44	4469	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
8	IO 08	alle	64	0,1	48322	44	4469	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
8	IO 08	alle	64	0,1	112297	27	10256	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
8	IO 08	alle	64	0,1	47829	40	4298	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	60740	43	5319	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	61114	43	5337	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
8	IO 08	alle	64	0,1	60936	41	5135	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	45566	52	3566	5	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
8	IO 08	alle	64	0,1	45566	52	3566	5	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
8	IO 08	alle	64	0,1	60923	38	4746	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
8	IO 08	alle	64	0,1	60820	38	4717	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	60707	38	4707	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	124538	15	9324	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	60625	35	4349	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	47097	66	3370	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
8	IO 08	alle	64	0,1	62996	29	4460	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
8	IO 08	alle	64	0,1	65910	27	4460	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
8	IO 08	alle	64	0,1	64667	30	4146	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	141606	11	8925	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	105229	11	6443	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	64494	27	3736	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	65483	27	3790	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	53406	24	2927	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	112131	11	5994	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
8	IO 08	alle	64	0,1	65343	25	3400	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	53377	22	2676	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	71411	21	3228	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	101869	15	4468	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
8	IO 08	alle	64	0,1	71314	18	2849	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	73401	18	2896	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	73349	17	2653	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	84887	16	3067	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	62625	22	2235	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
8	IO 08	alle	64	0,1	62625	22	2235	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
8	IO 08	alle	64	0,1	81729	15	2799	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
8	IO 08	alle	64	0,1	84808	15	2723	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	81710	14	2599	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
8	IO 08	alle	64	0,1	269787	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	635186	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	135308	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	141195	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
8	IO 08	alle	64	0,1	111559	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
9	IO 09	alle	160	0,1	61623	854	23520	61	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
9	IO 09	alle	160	0,1	55166	584	15641	45	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
9	IO 09	alle	160	0,1	75072	637	17016	36	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
9	IO 09	alle	160	0,1	75072	637	17016	36	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
9	IO 09	alle	160	0,1	56935	412	11995	33	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
9	IO 09	alle	160	0,1	61557	441	12123	31	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
9	IO 09	alle	160	0,1	71798	504	13899	30	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
9	IO 09	alle	160	0,1	71798	504	13899	30	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
9	IO 09	alle	160	0,1	55074	379	10131	29	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
9	IO 09	alle	160	0,1	72551	419	11954	26	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
9	IO 09	alle	160	0,1	54792	313	8460	24	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
9	IO 09	alle	160	0,1	54792	313	8460	24	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
9	IO 09	alle	160	0,1	75969	350	10958	23	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
9	IO 09	alle	160	0,1	75969	350	10958	23	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
9	IO 09	alle	160	0,1	56789	275	7960	22	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
9	IO 09	alle	160	0,1	72041	294	8266	18	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
9	IO 09	alle	160	0,1	115467	230	9217	12	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
9	IO 09	alle	160	0,1	115467	230	9217	12	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
9	IO 09	alle	160	0,1	290255	87	20687	11	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
9	IO 09	alle	160	0,1	291022	81	19406	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
9	IO 09	alle	160	0,1	114870	195	7470	10	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
9	IO 09	alle	160	0,1	114870	195	7470	10	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
9	IO 09	alle	160	0,1	339446	84	21321	10	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
9	IO 09	alle	160	0,1	79343	107	4894	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
9	IO 09	alle	160	0,1	79343	107	4894	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
9	IO 09	alle	160	0,1	337728	82	20550	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
9	IO 09	alle	160	0,1	74975	89	4498	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
9	IO 09	alle	160	0,1	356341	80	21037	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
9	IO 09	alle	160	0,1	76240	87	4459	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
9	IO 09	alle	160	0,1	76240	87	4459	9	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
9	IO 09	alle	160	0,1	354273	77	20218	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
9	IO 09	alle	160	0,1	312865	76	17817	9	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
9	IO 09	alle	160	0,1	186056	118	10443	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
9	IO 09	alle	160	0,1	373043	70	20893	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
9	IO 09	alle	160	0,1	385269	76	21436	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
9	IO 09	alle	160	0,1	264727	94	14612	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
9	IO 09	alle	160	0,1	387973	68	21213	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
9	IO 09	alle	160	0,1	310705	73	16831	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
9	IO 09	alle	160	0,1	386999	73	20899	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
9	IO 09	alle	160	0,1	358036	55	19256	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
9	IO 09	alle	160	0,1	267511	90	14308	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
9	IO 09	alle	160	0,1	376953	60	19898	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
9	IO 09	alle	160	0,1	358432	54	18865	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
9	IO 09	alle	160	0,1	208088	124	10948	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
9	IO 09	alle	160	0,1	402619	72	21145	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
9	IO 09	alle	160	0,1	404734	71	21217	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
9	IO 09	alle	160	0,1	211192	106	11070	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
9	IO 09	alle	160	0,1	361696	59	18955	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
9	IO 09	alle	160	0,1	211835	111	11052	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
9	IO 09	alle	160	0,1	216483	114	11279	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
9	IO 09	alle	160	0,1	374223	64	19478	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
9	IO 09	alle	160	0,1	207839	103	10809	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
9	IO 09	alle	160	0,1	389493	65	20229	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
9	IO 09	alle	160	0,1	362152	58	18728	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
9	IO 09	alle	160	0,1	372210	53	19066	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
9	IO 09	alle	160	0,1	214977	123	10990	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
9	IO 09	alle	160	0,1	372238	52	18912	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
9	IO 09	alle	160	0,1	219659	117	11135	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
9	IO 09	alle	160	0,1	224755	118	11317	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
9	IO 09	alle	160	0,1	89315	62	4466	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
9	IO 09	alle	160	0,1	89315	62	4466	7	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
9	IO 09	alle	160	0,1	377779	57	18850	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
9	IO 09	alle	160	0,1	196000	113	9634	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
9	IO 09	alle	160	0,1	228690	121	11191	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
9	IO 09	alle	160	0,1	235067	123	11417	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
9	IO 09	alle	160	0,1	240356	74	10894	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	76153	64	3362	7	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
9	IO 09	alle	160	0,1	278449	78	12275	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	238285	72	10476	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	291326	77	12542	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	120388	118	5130	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
9	IO 09	alle	160	0,1	120388	118	5130	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
9	IO 09	alle	160	0,1	108367	71	4472	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	140,0	63,0	0,0
9	IO 09	alle	160	0,1	275708	72	11203	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	288318	73	11651	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	276414	53	10638	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
9	IO 09	alle	160	0,1	117423	60	4470	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	140,0	63,0	0,0
9	IO 09	alle	160	0,1	118043	59	4470	6	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
9	IO 09	alle	160	0,1	274927	57	10381	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
9	IO 09	alle	160	0,1	239795	55	9029	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	273042	52	10265	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
9	IO 09	alle	160	0,1	275659	61	10313	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	232032	67	8655	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
9	IO 09	alle	160	0,1	290859	65	10844	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	334668	43	12425	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
9	IO 09	alle	160	0,1	265353	57	9796	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	285620	61	10536	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	111665	70	4110	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	40,0	63,0	0,0
9	IO 09	alle	160	0,1	306404	68	11267	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	273129	61	9985	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	273748	57	9989	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	301023	64	10972	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	318611	68	11579	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
9	IO 09	alle	160	0,1	288038	64	10450	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	303331	67	10884	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	282854	60	10143	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	329510	42	11767	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
9	IO 09	alle	160	0,1	297974	63	10631	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	279626	55	9926	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
9	IO 09	alle	160	0,1	344132	41	12082	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
9	IO 09	alle	160	0,1	315272	66	11014	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	293925	53	10200	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
9	IO 09	alle	160	0,1	271236	55	9412	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	335803	44	11479	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
9	IO 09	alle	160	0,1	338607	41	11505	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
9	IO 09	alle	160	0,1	263061	53	8916	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
9	IO 09	alle	160	0,1	178174	44	6014	5	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
9	IO 09	alle	160	0,1	178174	44	6014	5	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
9	IO 09	alle	160	0,1	302872	53	10216	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
9	IO 09	alle	160	0,1	338691	52	11378	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
9	IO 09	alle	160	0,1	108073	57	3629	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
9	IO 09	alle	160	0,1	108073	57	3629	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
9	IO 09	alle	160	0,1	330819	44	11036	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0

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Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
9	IO 09	alle	160	0,1	108977	57	3635	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
9	IO 09	alle	160	0,1	318043	39	10607	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	311136	52	10236	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
9	IO 09	alle	160	0,1	315229	51	10356	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
9	IO 09	alle	160	0,1	301728	44	9893	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	319571	51	10462	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
9	IO 09	alle	160	0,1	318057	39	10354	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	346924	43	11282	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
9	IO 09	alle	160	0,1	169233	47	5484	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
9	IO 09	alle	160	0,1	169233	47	5484	5	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
9	IO 09	alle	160	0,1	359791	50	11588	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
9	IO 09	alle	160	0,1	323223	51	10329	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
9	IO 09	alle	160	0,1	261089	55	8306	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	341582	42	10862	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
9	IO 09	alle	160	0,1	305170	45	9697	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	332413	51	10547	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
9	IO 09	alle	160	0,1	327605	50	10352	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
9	IO 09	alle	160	0,1	344680	45	10889	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
9	IO 09	alle	160	0,1	297505	49	9369	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	350458	43	10906	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
9	IO 09	alle	160	0,1	339693	45	10519	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
9	IO 09	alle	160	0,1	349562	49	10726	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
9	IO 09	alle	160	0,1	268398	55	8229	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	286050	49	8768	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
9	IO 09	alle	160	0,1	289608	48	8839	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
9	IO 09	alle	160	0,1	302591	49	9210	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	361645	50	10971	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
9	IO 09	alle	160	0,1	355741	44	10757	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0
9	IO 09	alle	160	0,1	350437	44	10499	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
9	IO 09	alle	160	0,1	164904	44	4914	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
9	IO 09	alle	160	0,1	164904	44	4914	4	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
9	IO 09	alle	160	0,1	349862	47	10397	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
9	IO 09	alle	160	0,1	354837	46	10488	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
9	IO 09	alle	160	0,1	298970	51	8788	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	112316	55	3301	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
9	IO 09	alle	160	0,1	140892	48	4115	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
9	IO 09	alle	160	0,1	140892	48	4115	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
9	IO 09	alle	160	0,1	382692	48	11173	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
9	IO 09	alle	160	0,1	362646	47	10395	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
9	IO 09	alle	160	0,1	367964	46	10473	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
9	IO 09	alle	160	0,1	305906	51	8673	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
9	IO 09	alle	160	0,1	257157	44	5963	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
9	IO 09	alle	160	0,1	130722	55	2735	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
9	IO 09	alle	160	0,1	130722	55	2735	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
9	IO 09	alle	160	0,1	256144	39	5312	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
9	IO 09	alle	160	0,1	203355	53	3654	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
9	IO 09	alle	160	0,1	268900	31	4213	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	279214	31	4363	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	235239	26	3496	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
9	IO 09	alle	160	0,1	278360	28	3955	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	268161	28	3799	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	234874	24	3113	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	304273	27	3993	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	293993	27	3833	2	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	288960	24	3582	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	280401	23	3429	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	303481	25	3596	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	293321	24	3444	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	1243817	4	14360	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	275770	21	3141	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	288401	22	3203	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	267326	20	2950	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	279946	21	3051	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	258590	18	2810	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	265692	17	2726	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	275455	18	2793	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	258535	17	2608	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
9	IO 09	alle	160	0,1	267122	18	2686	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	265636	17	2634	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
9	IO 09	alle	160	0,1	933314	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	1066049	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	896704	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	2391586	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
9	IO 09	alle	160	0,1	807547	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	1153069	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	1534245	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	940362	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	967161	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	862175	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	763119	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
9	IO 09	alle	160	0,1	269781	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
10	IO 10	alle	64	0,1	33360	348	11609	22	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	-40,0	63,0	0,0
10	IO 10	alle	64	0,1	34157	355	11793	22	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	-140,0	63,0	0,0
10	IO 10	alle	64	0,1	39498	427	13188	21	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
10	IO 10	alle	64	0,1	39498	427	13188	21	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	-142,0	65,0	0,0
10	IO 10	alle	64	0,1	39226	391	12322	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
10	IO 10	alle	64	0,1	39226	391	12322	20	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	-38,0	65,0	0,0
10	IO 10	alle	64	0,1	33103	299	10291	19	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	-140,0	63,0	0,0
10	IO 10	alle	64	0,1	39740	293	9785	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
10	IO 10	alle	64	0,1	39740	293	9785	15	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-142,0	65,0	0,0
10	IO 10	alle	64	0,1	34095	236	7806	14	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	-30,50	18,00	-139,0	63,0	0,0
10	IO 10	alle	64	0,1	41097	239	8548	13	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	-35,0	65,0	0,0
10	IO 10	alle	64	0,1	33291	208	6890	13	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	-30,50	18,00	-41,0	63,0	0,0
10	IO 10	alle	64	0,1	33017	174	5957	11	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-139,0	63,0	0,0
10	IO 10	alle	64	0,1	33656	162	5759	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
10	IO 10	alle	64	0,1	33656	162	5759	10	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	-39,0	63,0	0,0
10	IO 10	alle	64	0,1	40687	162	5689	8	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	-37,0	65,0	0,0
10	IO 10	alle	64	0,1	57662	182	7844	8	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
10	IO 10	alle	64	0,1	57662	182	7844	8	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	124,51	16,00	-119,0	63,0	0,0
10	IO 10	alle	64	0,1	57621	181	7801	8	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
10	IO 10	alle	64	0,1	57621	181	7801	8	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	124,51	16,00	-61,0	63,0	0,0
10	IO 10	alle	64	0,1	150387	63	18802	8	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	104,0	61,0	0,0
10	IO 10	alle	64	0,1	165479	68	20675	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	100,0	61,0	0,0
10	IO 10	alle	64	0,1	150388	62	18670	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	100,0	61,0	0,0
10	IO 10	alle	64	0,1	171620	67	21081	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	100,0	61,0	0,0
10	IO 10	alle	64	0,1	90473	108	10684	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	131,0	57,0	0,0
10	IO 10	alle	64	0,1	172239	63	19868	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	104,0	61,0	0,0
10	IO 10	alle	64	0,1	165945	62	19075	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	104,0	61,0	0,0
10	IO 10	alle	64	0,1	96663	116	11103	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	131,0	57,0	0,0
10	IO 10	alle	64	0,1	98753	118	11287	7	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	131,0	57,0	0,0
10	IO 10	alle	64	0,1	194778	46	21213	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	104,0	61,0	0,0
10	IO 10	alle	64	0,1	90267	108	9747	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	111,0	57,0	0,0
10	IO 10	alle	64	0,1	105732	109	11362	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	131,0	57,0	0,0
10	IO 10	alle	64	0,1	104260	107	11186	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	131,0	57,0	0,0
10	IO 10	alle	64	0,1	106158	113	11331	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	131,0	57,0	0,0
10	IO 10	alle	64	0,1	200302	45	21348	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	104,0	61,0	0,0
10	IO 10	alle	64	0,1	108133	115	11499	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	131,0	57,0	0,0
10	IO 10	alle	64	0,1	104316	101	11077	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	131,0	57,0	0,0
10	IO 10	alle	64	0,1	112086	54	11889	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
10	IO 10	alle	64	0,1	112086	54	11889	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	44,09	64,51	16,00	119,0	63,0	0,0
10	IO 10	alle	64	0,1	195852	44	20721	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	100,0	61,0	0,0
10	IO 10	alle	64	0,1	189780	49	20047	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	104,0	61,0	0,0
10	IO 10	alle	64	0,1	111004	54	11683	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
10	IO 10	alle	64	0,1	111004	54	11683	6	MVP507 1xMHN-LA2000W/400V/842 CON WB/6	-0,91	64,51	16,00	61,0	63,0	0,0
10	IO 10	alle	64	0,1	103131	98	10851	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	131,0	57,0	0,0
10	IO 10	alle	64	0,1	195931	58	20489	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	100,0	61,0	0,0
10	IO 10	alle	64	0,1	189319	57	19742	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	100,0	61,0	0,0
10	IO 10	alle	64	0,1	152320	59	15824	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	138,0	61,0	0,0
10	IO 10	alle	64	0,1	104282	91	10680	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	131,0	57,0	0,0
10	IO 10	alle	64	0,1	190206	47	19306	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	100,0	61,0	0,0
10	IO 10	alle	64	0,1	189189	51	19042	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	104,0	61,0	0,0
10	IO 10	alle	64	0,1	189136	51	18990	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	100,0	61,0	0,0
10	IO 10	alle	64	0,1	103662	88	10391	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	131,0	57,0	0,0
10	IO 10	alle	64	0,1	195779	46	19541	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	104,0	61,0	0,0
10	IO 10	alle	64	0,1	201187	42	20053	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	100,0	61,0	0,0
10	IO 10	alle	64	0,1	189709	55	18884	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	104,0	61,0	0,0
10	IO 10	alle	64	0,1	194832	50	19088	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	100,0	61,0	0,0
10	IO 10	alle	64	0,1	196025	45	19152	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	100,0	61,0	0,0
10	IO 10	alle	64	0,1	150735	55	14685	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	142,0	61,0	0,0
10	IO 10	alle	64	0,1	195041	49	18960	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	104,0	61,0	0,0
10	IO 10	alle	64	0,1	196491	53	18985	6	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	104,0	61,0	0,0
10	IO 10	alle	64	0,1	128421	65	11871	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	10,0	61,0	0,0
10	IO 10	alle	64	0,1	115284	63	10082	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	104166	70	8828	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,00	133,00	13,50	41,0	57,0	0,0
10	IO 10	alle	64	0,1	127521	65	10770	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	141192	47	11902	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	52,0	61,0	0,0
10	IO 10	alle	64	0,1	114315	61	9630	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-58,00	134,00	11,90	-128,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	L _{max}	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
10	IO 10	alle	64	0,1	130053	58	10902	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-119,00	139,00	13,50	14,0	61,0	0,0
10	IO 10	alle	64	0,1	131873	64	10918	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	126300	63	10354	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-126,00	156,00	13,50	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	139239	46	11345	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	48,0	61,0	0,0
10	IO 10	alle	64	0,1	181099	38	14752	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	52,0	61,0	0,0
10	IO 10	alle	64	0,1	130551	63	10556	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-145,00	160,00	13,50	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	123117	56	9795	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	21,0	57,0	0,0
10	IO 10	alle	64	0,1	131308	45	10280	5	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-64,00	111,00	11,90	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	57207	44	4467	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
10	IO 10	alle	64	0,1	57207	44	4467	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	142,0	65,0	0,0
10	IO 10	alle	64	0,1	58829	42	4549	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	-30,50	18,00	35,0	65,0	0,0
10	IO 10	alle	64	0,1	133884	36	14134	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	52,0	61,0	0,0
10	IO 10	alle	64	0,1	177790	36	13624	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	48,0	61,0	0,0
10	IO 10	alle	64	0,1	129271	55	9804	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	21,0	57,0	0,0
10	IO 10	alle	64	0,1	174553	39	13166	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	52,0	61,0	0,0
10	IO 10	alle	64	0,1	140268	60	10518	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	134038	53	9992	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	21,0	57,0	0,0
10	IO 10	alle	64	0,1	136079	57	10083	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	144480	60	10690	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	60614	39	4462	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	-30,50	18,00	37,0	65,0	0,0
10	IO 10	alle	64	0,1	139523	56	10253	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	136340	54	10003	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	21,0	57,0	0,0
10	IO 10	alle	64	0,1	138899	59	10124	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-116,00	197,00	13,50	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	180397	35	13139	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	48,0	61,0	0,0
10	IO 10	alle	64	0,1	144103	52	10479	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	21,0	57,0	0,0
10	IO 10	alle	64	0,1	141918	52	10251	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	21,0	57,0	0,0
10	IO 10	alle	64	0,1	152476	45	11006	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	52,0	61,0	0,0
10	IO 10	alle	64	0,1	171558	38	12334	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	48,0	61,0	0,0
10	IO 10	alle	64	0,1	143009	59	10279	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,60	201,70	13,50	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	135544	52	9719	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	132985	48	9514	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-133,00	133,00	13,50	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	178166	38	12725	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	52,0	61,0	0,0
10	IO 10	alle	64	0,1	134796	55	9627	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,10	185,80	11,60	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	138151	55	9845	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,10	190,10	11,60	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	150267	45	10626	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	48,0	61,0	0,0
10	IO 10	alle	64	0,1	132244	51	9333	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	145630	52	10266	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	21,0	57,0	0,0
10	IO 10	alle	64	0,1	151097	50	10624	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	21,0	57,0	0,0
10	IO 10	alle	64	0,1	172680	40	12077	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	52,0	61,0	0,0
10	IO 10	alle	64	0,1	134413	48	9348	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-166,0	61,0	0,0
10	IO 10	alle	64	0,1	156794	44	10870	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	52,0	61,0	0,0
10	IO 10	alle	64	0,1	134754	48	9314	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-151,00	137,00	13,50	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	151372	51	10424	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	21,0	57,0	0,0
10	IO 10	alle	64	0,1	175003	37	12032	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	48,0	61,0	0,0
10	IO 10	alle	64	0,1	154457	44	10529	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	48,0	61,0	0,0
10	IO 10	alle	64	0,1	169846	40	11507	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	48,0	61,0	0,0
10	IO 10	alle	64	0,1	136244	46	9193	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-170,0	61,0	0,0
10	IO 10	alle	64	0,1	154940	51	10451	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	21,0	57,0	0,0
10	IO 10	alle	64	0,1	176456	39	11837	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	52,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorh	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
10	IO 10	alle	64	0,1	65744	50	4400	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	30,50	18,00	40,0	63,0	0,0
10	IO 10	alle	64	0,1	51206	46	3420	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
10	IO 10	alle	64	0,1	51206	46	3420	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	-30,50	18,00	142,0	65,0	0,0
10	IO 10	alle	64	0,1	172402	42	11415	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	52,0	61,0	0,0
10	IO 10	alle	64	0,1	134270	49	8859	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-46,50	178,40	9,80	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	68290	45	4469	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	37,00	30,50	18,00	140,0	63,0	0,0
10	IO 10	alle	64	0,1	173477	39	11345	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	48,0	61,0	0,0
10	IO 10	alle	64	0,1	68844	45	4464	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	139,0	63,0	0,0
10	IO 10	alle	64	0,1	162006	49	10494	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	21,0	57,0	0,0
10	IO 10	alle	64	0,1	169699	42	10977	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	48,0	61,0	0,0
10	IO 10	alle	64	0,1	159125	39	10265	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,30	162,70	11,60	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	131064	47	8419	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-28,80	173,60	9,80	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	121747	52	7797	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-38,0	61,0	0,0
10	IO 10	alle	64	0,1	69956	43	4479	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
10	IO 10	alle	64	0,1	69956	43	4479	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	37,00	30,50	18,00	39,0	63,0	0,0
10	IO 10	alle	64	0,1	133074	45	8519	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	170893	33	10883	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-35,00	150,70	9,80	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	153145	43	9743	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-122,10	174,00	13,50	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	66272	47	4215	4	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-37,00	30,50	18,00	41,0	63,0	0,0
10	IO 10	alle	64	0,1	177036	41	11259	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	52,0	61,0	0,0
10	IO 10	alle	64	0,1	52259	40	3305	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
10	IO 10	alle	64	0,1	52259	40	3305	4	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-37,00	-30,50	18,00	38,0	65,0	0,0
10	IO 10	alle	64	0,1	159620	39	10059	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-96,20	167,00	11,60	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	169655	34	10666	4	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-52,70	155,40	9,80	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	174180	41	10838	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	48,0	61,0	0,0
10	IO 10	alle	64	0,1	154669	44	9623	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-139,80	178,70	13,50	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	130382	43	8036	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-132,0	61,0	0,0
10	IO 10	alle	64	0,1	189736	26	11287	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-9,00	143,70	8,00	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	194361	25	11461	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	8,60	139,00	8,00	-159,0	57,0	0,0
10	IO 10	alle	64	0,1	196212	29	11442	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-139,0	57,0	0,0
10	IO 10	alle	64	0,1	131888	40	7569	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-2,90	166,70	8,00	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	121052	46	6832	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-113,00	161,00	13,50	-42,0	61,0	0,0
10	IO 10	alle	64	0,1	129286	38	7078	3	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	14,80	162,00	8,00	-128,0	61,0	0,0
10	IO 10	alle	64	0,1	62998	66	3408	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
10	IO 10	alle	64	0,1	62998	66	3408	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	124,51	16,00	-38,0	63,0	0,0
10	IO 10	alle	64	0,1	92486	33	4904	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
10	IO 10	alle	64	0,1	92486	33	4904	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	64,51	16,00	142,0	63,0	0,0
10	IO 10	alle	64	0,1	63314	64	3332	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
10	IO 10	alle	64	0,1	63314	64	3332	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-0,91	124,51	16,00	-142,0	63,0	0,0
10	IO 10	alle	64	0,1	91190	32	4668	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
10	IO 10	alle	64	0,1	91190	32	4668	3	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	44,09	64,51	16,00	38,0	63,0	0,0
10	IO 10	alle	64	0,1	65407	36	3066	3	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	115,00	30,50	18,00	140,0	63,0	0,0
10	IO 10	alle	64	0,1	65929	35	2977	2	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	115,00	30,50	18,00	139,0	63,0	0,0
10	IO 10	alle	64	0,1	126219	23	3491	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	127008	20	3469	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	122722	23	3339	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	129109	19	3262	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	125997	21	3113	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-166,00	166,00	13,50	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	112188	19	2740	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-80,0	61,0	0,0

Ergebnisse der Lichtimmissionsberechnung



Nr	Immissionsort	Schaltstufe	kvorn	L _u	Lmax	I	Lvorh	kcal	Leuchte	x	y	z	DrehC	NeigA	NeigB
10	IO 10	alle	64	0,1	126794	18	3069	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-6,90	167,80	8,00	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	122543	20	2963	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-149,10	161,60	13,50	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	104824	27	2465	1	MVP507 1xMHN-LA2000W/400V/842 CON NB/6	-103,60	218,33	16,00	11,0	65,0	0,0
10	IO 10	alle	64	0,1	112164	18	2630	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-80,00	140,00	11,90	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	137901	21	3233	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	128042	18	2975	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	134415	20	3082	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	128944	17	2884	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-24,50	172,60	8,00	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	130676	17	2819	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	133763	18	2842	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	130938	17	2752	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	127961	16	2655	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-50,40	179,50	9,80	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	137715	18	2854	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,20	207,60	13,50	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	134276	18	2759	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-137,60	202,90	13,50	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	130642	16	2596	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-68,10	184,30	9,80	-80,0	61,0	0,0
10	IO 10	alle	64	0,1	130898	16	2594	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-95,80	191,60	11,60	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	133681	16	2624	1	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-111,70	195,90	11,60	-76,0	61,0	0,0
10	IO 10	alle	64	0,1	306273	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-30,60	149,50	8,00	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	435076	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-155,00	139,00	13,50	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	318369	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-74,30	161,20	9,80	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	777353	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-86,00	117,00	11,90	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	359684	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-90,00	154,00	13,50	-69,0	57,0	0,0
10	IO 10	alle	64	0,1	387163	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-172,00	143,00	13,50	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	334064	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-117,80	172,90	11,60	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	336850	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-13,10	144,80	8,00	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	384764	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-143,80	179,80	13,50	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	347207	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-56,70	156,40	9,80	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	358375	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-101,90	168,60	11,60	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	356811	0	0	0	MVP506 1xHPI-TP400W SGR/640 A/60 +SK	-161,40	184,60	13,50	-49,0	57,0	0,0
10	IO 10	alle	64	0,1	112429	0	0	0	MVP507 1xMHN-LA2000W/400V/842 CON MB/6	-103,60	218,33	16,00	106,0	65,0	0,0
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