

PRODUKTDATENBLATT

FL 10 P 8W 1K2LM 865 PS SY100 BK

FLOODLIGHT 10 | Vielseitig einsetzbare Fluter mit bis zu 1200 lm Lichtstrom



PERFORMANCE
CLASS

Anwendungsgebiete

- Ersatz für Fluter mit Halogenlampen
- Außenanwendung (IP66)
- D-Zeichen gemäß EN 60598-2-24 für feuergefährdete Betriebsstätten, z. B. durch Ansammlung von Staub
- Öffentlicher Raum
- Anstrahlung von Fassaden
- Baustellen
- Parkplätze
- Gärten und Balkone

Produktvorteile

- Klimamembran für optimierten Luftaustausch, bei konstant hohem IP-Schutzgrad
- Sehr vielseitig durch eine am Gehäuse wählbare Wattageeinstellung (Multi Lumen)
- Robuste Kabelverschraubung mit integrierter Waterstop-Funktion
- Sichere und sehr gleichmäßige Ausleuchtung, dank opalem, gehärtetem Glasdiffusor
- Lichtstark, robust und langlebig
- Energieersparnis von bis zu 90 % verglichen mit Halogenlampen-Flutern
- Kein Lichtaustritt im oberen Halbraum (ULOR 0%) bei 0° Aufneigung

Produkteigenschaften

- Hohe Lichtausbeute: bis zu 145 lm/W
- Schutzart: IP66
- Vorinstalliertes, flexibles Kabel (H05RN-F) mit 1 m Länge, 3 x 1.0 mm² gekrimpt
- Reflektorbasierte, symmetrische Lichtverteilung mit 100° x 100° Abstrahlwinkel
- Montagebügel mit 30° Winkel und großem Rotationsbereich

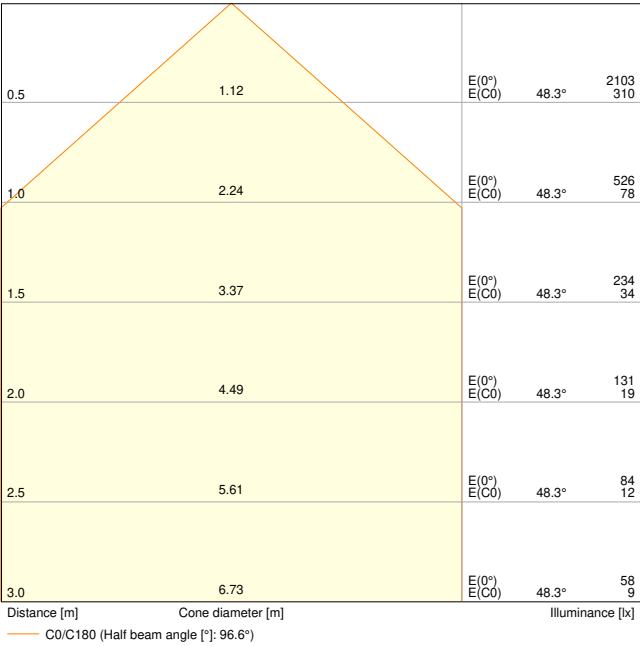
TECHNISCHE DATEN

Elektrische Daten

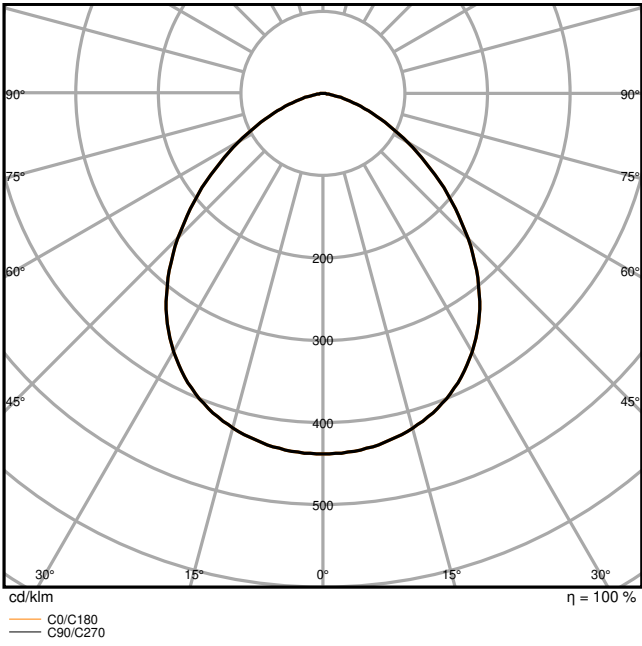
Nennleistung	8 W / 6 W
Nennspannung	220...240 V
Netzfrequenz	50...60 Hz
Nennstrom	40/30 mA
Einschaltstrom	7.64 A
Einschaltstromdauer T _{h50}	19.6 µs
Max. Anzahl der Leuchten Leitungsschutzschalter B16	98
Max. Anz. Leucht. an Sicherungsaut. C10 A	78
Max. Anzahl der Leuchten Leitungsschutzschalter C16	125
Netzleistungsfaktor λ	> 0,90
Oberschwingungsgehalt	< 20 %
Schutzklasse	I
Stoßspannungsfestigkeit (L – N)	2 kV
Stoßspannungsfestigkeit (L/N – Erde)	4 kV
Betriebsart	Integrierter LED-Treiber

Photometrische Daten

Lichtstrom	1200 lm / 850 lm
Lichtausbeute	145 lm/W
Farbtemperatur	6500 K
Lichtfarbe (Bezeichnung)	Kaltes Tageslicht
Farbwiedergabeindex Ra	80
Standardabweichung des Farbabgleichs	5 sdc _m
Messgröße für Stroboskop-Effekte (SVM)	≤0.9
Photobiologische Risikogruppe gemäß EN62778	RG1
Photobiologische Risikogruppe gemäß EN62471	RG1
Ausstrahlungswinkel	100 ° x 100 °



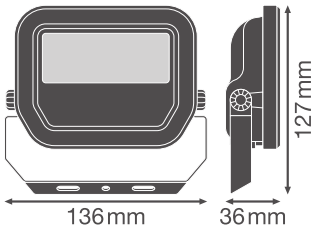
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Maße & Gewicht

Länge	136,00 mm
Breite	36,00 mm
Höhe	127,00 mm
Produktgewicht	420,00 g
Kabellänge	1000 mm



FL 10 P SY100

Materialien & Farben

Produktfarbe	Schwarz
Gehäusefarbe	Schwarz

Gehäusematerial	Aluminium
Material Abdeckung	Glas
Material der lichtemittierenden Fläche	Glas
Glühdrahtprüfung nach IEC 60695-2-12	650 °C
Quecksilbergehalt der Lampe	0.0 mg

Anwendung & Installation

Umgebungstemperaturbereich	-30...+50 °C
Lagertemperaturbereich	-40...+70 °C
Anschlussart	Kabel, 3-polig
Schutzart	IP66
Schutzklasse IK (Stoßfestigkeitsgrad)	IK07
Korrosionsbeständigkeitsklasse nach EN 12944	C4
Dimmbar	Nein
Montageart	Anbau
Montageort	Wand / Decke / Boden
Anwendungsumgebung	Außenanwendungen
Justierbar	Ja
Mit Leuchtmittel	Ja

Lebensdauer

Lebensdauer L70/B50 bei 25 °C	100000 h ¹⁾
Lebensdauer L80/B10 bei 25 °C	75000 h ¹⁾
Bemessungslebensdauer L80/B50 bei 25 °C	70000 h
Lebensdauer L90/B10 bei 25 °C	35000 h

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Vorschaltgerät

Ausgangsstrom	68 mA
EVG - Ausgangs-Rippelstrom	< 20 %

Zertifikate & Standards

Normen	CE / CB / ENEC / EAC / UKCA / EPD
Leuchte mit begrenzter Oberflächentemperatur "D-Zeichen"	Ja
Ballwurfsicher	Nein
EPD	LEDV-00031-V01.01-EN
Austauschbare Lichtquelle (EPREL)	Nicht austauschbar

Zusätzliche Produktdaten

Zusatzfunktion	MULTI SELECT
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BEG förderfähig	Ja
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Sicherheitshinweise

– Max. Windangriffsfläche 0,012 m²

DOWNLOADS

Dokumente und Zertifikate		Name des Dokuments
	Bedienungsanleitung / Sicherheitshinweise	G11193706_UI_Floodlight_08W-41W
	Rechtliche Hinweise	Insert_LSI_Floodlight_8_41w_G11195967
	Rechtliche Hinweise	Informationstext 18 Abs 4 ElektroG
	Rechtliche Hinweise	Safety Insert G11205496
	Rechtliche Hinweise	Legal Insert FLOODLIGHT LUMS
	Konformitätserklärung	FLOODLIGHT GEN4
	Konformitätserklärung UKCA	FLOODLIGHT GEN4
Fotometrische und lichttechnische Planungsdateien		Name des Dokuments
	IES-Datei (IES)	FL 10 P 8W 1K2LM 865 PS SY100 BK
	LDT-Datei (Eulumdat)	FL 10 P 8W 1K2LM 865 PS SY100 BK
	ULD-Datei (DIALux)	FL 10 P 8W 1K2LM 865 PS SY100 BK
	ROLF-Datei (RELUX)	FL 10 P 8W 1K2LM 865 PS SY100 BK
	UGR-Datei (UGR-Tabelle)	FL 10 P 8W 1K2LM 865 PS SY100 BK
	Lichtverteilungskurve, Typ Kegel	FL 10 P 8W 1K2LM 865 PS SY100 BK
	Lichtverteilungskurve, Typ Polar	FL 10 P 8W 1K2LM 865 PS SY100 BK
CAD/BIM Dateien		Name des Dokuments
	BIM Revit 3D	Floodlight G4

CAD/BIM Dateien		Name des Dokuments
	CAD STEP dreidimensional	FL G4 8W
Ausschreibungstexte		Name des Dokuments
	Ausschreibungstexte	FLOODLIGHT 10 8W 1K2LM 865 PS SY100 BK-DE

VERPACKUNGSGEOMETRIE

EAN	Verpackungseinheit (Stück pro Einheit)	Abmessungen (Länge x Breite x Höhe)	Bruttogewicht	Volumen
4099854305740	Faltschachtel 1	62 mm x 143 mm x 138 mm	471.00 g	1.22 dm ³
4099854305757	Versandschachtel 12	390 mm x 300 mm x 163 mm	6144.00 g	19.07 dm ³

Die genannten Produktnummern beschreiben die kleinste bestellbare Mengeneinheit. Eine Versandeinheit kann mehrere Einzelprodukte beinhalten. Als Bestellmenge verwenden Sie bitte das Ein- oder Mehrfache einer Versandeinheit.

WEITERE KATALOGINFORMATIONEN

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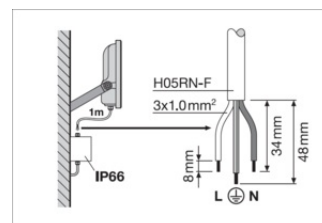
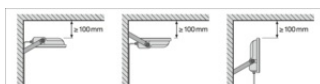
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Modell	Leistung	Spannung	Strom	Wärmeleistung	Wärmeleistung
FL 10 P 8W 1K2LM 865 PS SY100 BK	8 W	230 V	0.035 A	0.012 m²	0.012 m²
FL 10 P 17W 1K2LM 865 PS SY100 BK	17 W	230 V	0.078 A	0.015 m²	0.015 m²
FL 10 P 41W 1K2LM 865 PS SY100 BK	41 W	230 V	0.188 A	0.025 m²	0.025 m²

Referenzen / Verweise

– Zur Garantie siehe www.ledvance.de/garantie

Haftungsausschluss

Änderungen und Irrtümer vorbehalten. Vergewissern Sie sich, dass Sie immer den neuesten Stand verwenden.