



product_datasheet_title

FL MAX LUM P 900W 757 SYM 30 WAL

FLOODLIGHT MAX 900W LUMINAIRE HEAD | High-power floodlight for large area and sports lighting, up to 123 klm



PERFOR-
MANCE
CLASS



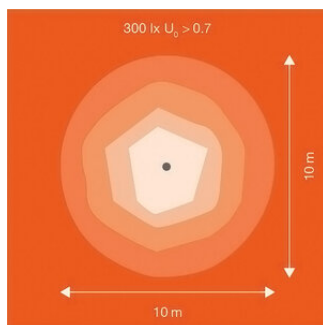
technical_data

ELECTRICAL DATA

Nominal wattage	900.00 W
Nominal voltage	180 V
Mains frequency	50...60 Hz
Nominal current	4740 mA
Operating mode	External LED driver

PHOTOMETRICAL DATA

Luminous flux	121000 lm
Luminous efficacy	134 lm/W
Color temperature	5700 K
Light color (designation)	Cool Daylight
Color rendering index Ra	≥70
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG2
Beam angle	30 °



Floodlight Max 900W SYM 30
simplified isolux diagram

DIMENSIONS & WEIGHT

Length	660.00 mm
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Width	591.00 mm
Height	279.00 mm
Product weight	20800.00 g
Cable length	1300 mm

FL MAX LUM P 900W

MATERIALS & COLORS

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

APPLICATION & MOUNTING

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	yes
Mounting type	Surface
Mounting location	Wall / Pole / Floor
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN

Lifespan L70/B50 at 25 °C	100000 h ¹⁾
Lifespan L80/B10 at 25 °C	75000 h ¹⁾












Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	100000



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

CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	Yes
EPD	LEDV-00007-V01.01-EN

download_data

Documents and certificates		document_name
	User instruction	FLOODLIGHT MAX
	Addon Technical Information	LSI FL MAX LUM P
	Packaging insert	Legal Insert FL MAX LUM/POWER SUPPLY
	Declarations Of Conformity CE	FL MAX P LUM
	Declarations Of Conformity UKCA	FL MAX LUM
	Declarations Of Conformity UKCA	FL MAX LUM P
Photometric and lighting design files		document_name
	IES file (IES)	FL MAX 900W 757 SYM 30 WAL
	LDT file (Eulumdat)	FL MAX 900W 757 SYM 30 WAL
	ULD file (DIALux)	FL MAX LUM P 900W 757 SYM 30
	ROLF file (RELUX)	FL MAX 900W LUM HEAD 757 SYM 30 WAL
	LDC typ polar	Floodlight Max 900W SYM 30 simplified isolux diagram

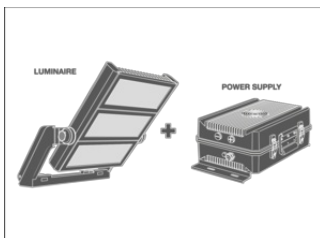
CAD/BIM files	document_name
 BIM_Revit_3D	Floodlight Max
 CAD_STEP_3D	FL MAX 900W

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075580633	Shipping box 1	795 mm x 619 mm x 231 mm	23008.00 g	113.68 dm ³

logistical_data_text

additional_catalog_information



LDV FL MAX	S / α				H	C	C ₁	C ₂	D ₁	D ₂	230 Vac
	α = 0°	α = 30°	α = 60°	α = 90°							
600 W	H1	0.12m	0.17m	0.22m	0.28m						
	H2	0.20m	0.28m	0.36m	0.44m						
	H3	0.28m	0.36m	0.44m	0.52m						
900 W	H1	0.12m	0.17m	0.22m	0.28m						
	H2	0.20m	0.28m	0.36m	0.44m						
	H3	0.28m	0.36m	0.44m	0.52m						
1200 W	H1	0.12m	0.17m	0.22m	0.28m						
	H2	0.20m	0.28m	0.36m	0.44m						
	H3	0.28m	0.36m	0.44m	0.52m						

disclaimer_title

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