PRODUCT DATASHEET
FL MAX LUM P 900W 757 ASYM50x110WAL

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



Areas of application

- Outdoor use (IP66)
- Lighting of large areas
- Sports facilities
- Construction areas
- Direct replacement for luminaires using HID lamps

Product benefits

- Very bright, robust and durable
- Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
- Easy dimming to 33% by wiring
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Optimized logistic, luminaire head and power supply arrive in individual packaging
- Low flicker light
- 5 years guarantee

Product features

- Modular, high-power floodlight with up to 135 lm/W
- Joint or separate installation with Floodlight Max power supply
- Available with 10°, 30° and 60° symmetric beam angles, as well as 50°x110° asymmetric light distribution
- Mounting bracket for up to 180° tilting
- Highly-transparent, tempered glass diffusor



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TECHNICAL DATA

Electrical data

Nominal wattage	900.00 W
Nominal voltage	180 V
Nominal current	4740 mA
Operating mode	External LED driver

Photometrical data

Luminous flux	123000 lm
Luminous efficacy	137 lm/W
Color temperature	5700 K
Light color (designation)	Cool Daylight
Color rendering index Ra	≥70
Standard deviation of color matching	< 5 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG2
Beam angle	50 ° x 110 °

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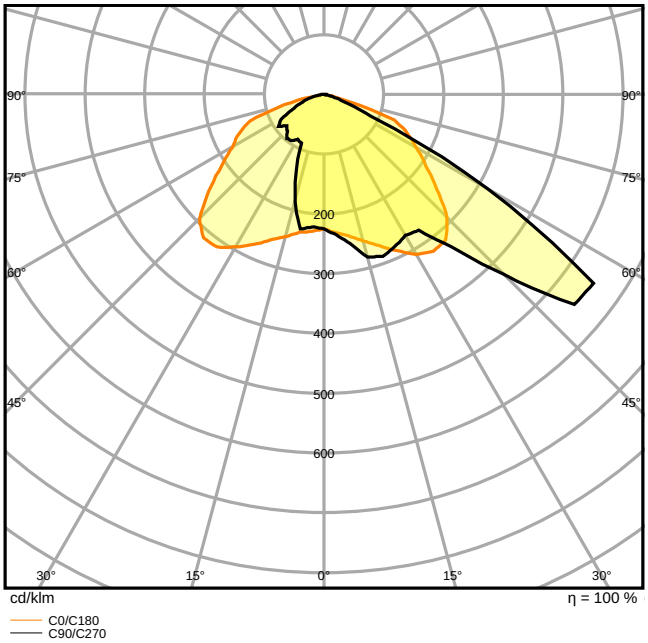
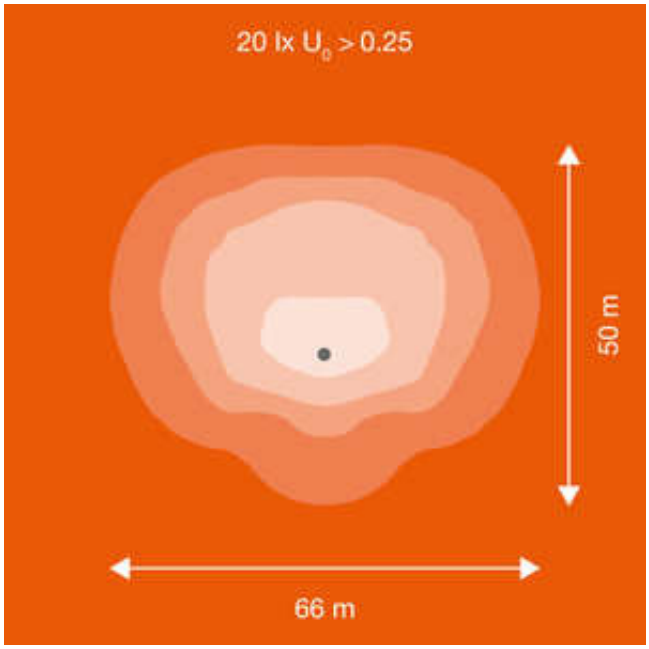


LDC typ polar



LDC typ polar

Dimensions & Weight

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

Materials & Colors

Product color	White aluminum
Housing color	White aluminum
Body material	Aluminum
Cover material	Glass

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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	No
Mounting type	Surface
Mounting location	Wall / Pole / Floor
Adjustable	Yes
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	75000 h
Lifespan L90/B10 at 25 °C	50000 h
Number of switching cycles	100000

Certificates & Standards

Standards	CE / CB / ENEC / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

Additional product data

Product remark	Available from September 2021

EQUIPMENT / ACCESSORIES

- Operation only with official 900 W power supply, GTIN(EAN) 4058075580732
- Aiming device in preparation
- Visor for front light cut-off in preparation

Safety advice

- Floodlight Max Luminaire Heads must be operated with official Floodlight Max Power Supplies only, as described in the user manual.

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- If only one fixation point is used for luminaires installed higher >3m, a secondary fixation of luminaire and bracket (e.g. a restraining wire) is needed for safety reasons.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 4 m is not expected.

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction FLOODLIGHT MAX
	IES file (IES) FL MAX LUM P 900W 757 ASYM50x110WAL
	LDT file (Eulumdat) FL MAX LUM P 900W 757 ASYM50x110WAL

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075580657	Shipping box 1	795 mm x 619 mm x 231 mm	23008.00 g	113.68 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION

References / Links

- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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