

PRODUCT DATASHEET

FLOODLIGHT MAX 1200W/5700K 162000LM 30DEG

FLOODLIGHT MAX | LED reflectors (IP66) with high luminous flow for stadiums and sports arenas



Areas of application

- Direct replacement for luminaires using HID lamps
- Sports grounds and outdoor facilities
- Lighting of large areas
- Architectural lighting
- Industry

Product benefits

- Homogeneous luminance distribution and reduced glare
- Energy savings of up to 90 % compared to halogen lamp floodlights
- Bright, robust and durable
- Instant 100 % light, no warm-up time
- Low energy consumption
- 5 years guarantee

Product features

- Material: aluminum
- High luminous efficacy: up to 130 lm/W
- Impact resistance: IK08
- Lifetime up to 50,000 h
- Type of protection: IP66

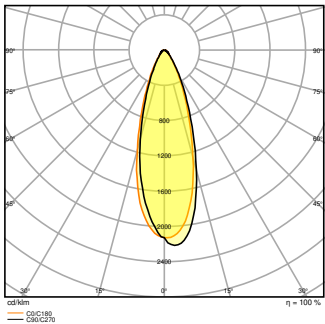
TECHNICAL DATA

Electrical data

Nominal wattage	1200.00 W
Nominal voltage	180 V
Mains frequency	50...60 Hz
Nominal current	5200.000 mA
Power factor λ	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	External LED driver

Photometrical data

Luminous flux	162000 lm
Luminous efficacy	135 lm/W
Color temperature	5700 K
Light color (designation)	Daylight
Color rendering index Ra	≥ 70
Standard deviation of color matching	< 5 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	N/A
Beam angle	30 °



LEDVANCE FL MAX 1200W 757 30

UV & Air cleaning

Maximum disinfection volume flow	No
UV radiated power	No
Average radiation dose	No
Noise level in UV-C disinfection mode	No

Dimensions & Weight

Length	841.00 mm
Width	591.00 mm
Height	282.00 mm
Product weight	31900.00 g

Materials & Colors

Product color	White aluminum
Housing color	Gray
Body material	Aluminum
Cover 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
Replaceable light source	No

Lifespan


Lifespan L70/B50 at 25 °C	110000 h ¹⁾
Lifespan L80/B10 at 25 °C	75000 h ¹⁾
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

Replaceable light source (EPREL)	Not replaceable
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DOWNLOAD DATA

Photometric and lighting design files	Document name
 LDT file (Eulumdat)	Floodlight Max Lum 1200W 757 Symmetrical 30 Wal

Photometric and lighting design files		Document name
	Light distribution curve type polar	LEDVANCE FL MAX 1200W 757 30

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075669338	Shipping box 1	952 mm x 619 mm x 294 mm	33228.00 g	173.25 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.

DISCLAIMER

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