

PRODUCT DATASHEET

FLOODLIGHT MAX 300W/5700K 40200LM 60DEG

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

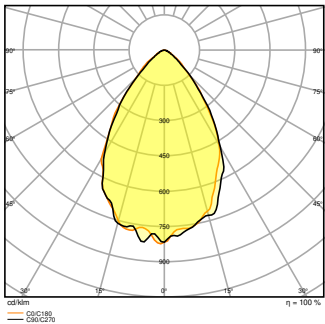
TECHNICAL DATA

Electrical data

Nominal wattage	300.00 W
Nominal voltage	200...277 V
Mains frequency	50...60 Hz
Nominal current	1370.000 mA
Power factor λ	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	40200 lm
Luminous efficacy	134 lm/W
Color temperature	5700 K
Light color (designation)	Daylight
Color rendering index Ra	≥ 70
Standard deviation of color matching	< 5 sdcn
Low flicker	Yes
Flickering metric (Pst LM)	N/A
Beam angle	60 °



LEDVANCE FL MAX 300W 757 60

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	322.00 mm
Width	513.00 mm
Height	135.50 mm
Product weight	6500.00 g

Materials & Colors

Product color	White aluminum
Housing color	Gray
Body material	Aluminum
Cover material	Aluminum/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

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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EQUIPMENT / ACCESSORIES

– Equipped with high-power LEDs

DOWNLOAD DATA

Photometric and lighting design files		Document name
	LDT file (Eulumdat)	Floodlight Max 300W 757 60 Degrees
	Light distribution curve type polar	LEDVANCE FL MAX 300W 757 60

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075730168	Shipping box 1	622 mm x 352 mm x 340 mm	7554.00 g	74.44 dm³

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.