

# PRODUCT DATASHEET

## FLOODLIGHT HP 1000W 5700K 120000LM 30DEG

FLOODLIGHT 1000W | LED reflectors (IP66) with high luminous flow for stadiums and sports arenas



### Areas of application

- Sports grounds and outdoor facilities
- Lighting of large areas
- Architectural lighting

### Product benefits

- Homogeneous luminance distribution and reduced glare
- Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
- Bright, robust and durable
- Instant 100 % light, no warm-up time
- Low energy consumption
- 5 years guarantee

### Product features

- Material: aluminum
- Impact resistance: IK08
- Type of protection: IP66

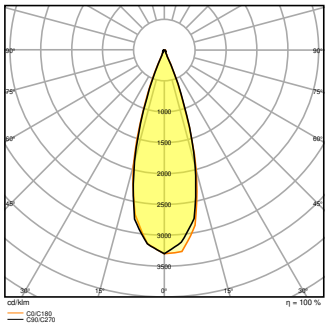
TECHNICAL DATA

Electrical data

Nominal wattage	1000.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	4350...10 000 mA
Power factor $\lambda$	> 0.95
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	120000 lm
Luminous efficacy	120 lm/W
Color temperature	5700 K
Light color (designation)	Cool Daylight
Color rendering index Ra	80
Standard deviation of color matching	5 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	N/A
Beam angle	30 °



LEDVANCE FLOODLIGHT HP 1KW  
30

Dimensions & Weight

Length	682.00 mm
Width	665.00 mm
Height	242.00 mm
Product weight	26800.00 g

## Materials &amp; Colors

Product color	Gray
Housing color	Gray
Body material	Aluminum
Cover material	Aluminum/Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

## Application &amp; Mounting

Ambient temperature range	-30...+50 °C
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Pole / Floor
Application environment	Outdoor
Mounting length	682 mm
Mounting width	665 mm
Replaceable light source	No

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	100000

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



## Certificates &amp; 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 High Power 1Kw 30 Degrees
	Light distribution curve type polar	LEDVANCE FLOODLIGHT HP 1KW 30

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075730236	Shipping box 1	758 mm x 758 mm x 325 mm	28021.00 g	186.73 dm <sup>3</sup>

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.