PRODUCT DATASHEET
FLOODLIGHT HP 400W 5700K 60°

FLOODLIGHT HIGH POWER | Luminaires

Areas of application

– Outdoor use (IP65)
– Public areas
– Industry
– Sports facilities
– Architectural lighting
– D-sign according to EN 60598-2-24 for fire-risk commercial unit, e.g. by accumulation of dust

Product benefits

– Energy savings of up to 90 % compared to halogen lamp floodlights
– Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
– Bright, robust and durable
– Homogeneous luminance distribution and reduced glare

Product features

– Angled (45°) mounting bracket and up to 180° tilting
– Type of protection: IP65
– Impact resistance: IK08
– Ambient temperature in operation: -30…+50 °C
– High surge protection: up to 10 kV (L/N-PE), 6 kV (L-N)
– Integrated breather for preventing condensation inside the luminaire

TECHNICAL DATA

Electrical data

Nominal wattage	400.00 W
Nominal voltage	100…277 V
Mains frequency	50…60 Hz
Nominal current	1880.000 mA
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	I

Photometrical data

Luminous flux	48000 lm
Luminous efficacy	120 lm/W
Color temperature	5700 K
Light color (designation)	Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdcm
Beam angle	60 °

Dimensions & Weight

Length	152.00 mm
Width	522.00 mm
Height	466.00 mm
Product weight	12000.00 g

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-40…+45 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK07

Dimmable	No
Mounting type	Surface
Mounting location	Ceiling / Wall / Pole
Application environment	Outdoor
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1]
Lifespan L80/B10 at 25 °C	50000 h [1]
Lifespan L90/B10 at 25 °C	50000 h

[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

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	IES file (IES)	FLOODLIGHT HP 400W/857 60°
	IES file (IES)	LEDVANCE FLOODLIGHT HP 400W 857 60d
	LDT file (Eulumdat)	Floodlight High Power 400W Cool 60 Degrees

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075202962	Shipping box 1	600 mm x 540 mm x 230 mm	13421.00 g	74.52 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.