# 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 $\lambda$ | 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.