

PRODUCT DATASHEET

LED PERFORMANCE HP FLOOD 500W 840 40X85D

LED PERFORMANCE HIGHPOWER FLOODLIGHT | Luminaires



Areas of application

- Airports
- Area lighting
- Sports facilities
- Mast or wall mounting
- Outdoor use (IP65)

Product benefits

- Dust and water protection according to IP65
- Designed for extra performance
- Low maintenance costs thanks to long lifetime
- Aesthetic and functional product design

Product features

- Die-cast aluminum housing
- Luminous efficacy: up to 120 lm/W
- Available with color temperature: 4,000 K, 6,500 K
- Lifetime (L70/B50): 50,000 h



TECHNICAL DATA

Electrical data

| | |
|---------------------------|-------------|
| Nominal wattage | 500.00 W |
| Nominal voltage | 100...240 V |
| Mains frequency | 50...60 Hz |
| Power factor λ | ≥ 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |

Photometrical data

| | |
|---------------------------|-------------|
| Luminous flux | 60000 lm |
| Luminous efficacy | 120 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥ 80 |
| Beam angle | 40 ° x 85 ° |

Dimensions & Weight

| | |
|----------------|------------|
| Length | 575.00 mm |
| Width | 604.00 mm |
| Height | 152.00 mm |
| Product weight | 18800.00 g |



LDPFM FL HP 500W MV

Materials & Colors

| | |
|---------------|----------|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |

| | |
|-----------------|--------------------|
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|------------------|
| Ambient temperature range | -30...+50 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | No |
| Mounting type | Standing Surface |
| Mounting location | Ground / Pole |
| Replaceable light source | No |

Lifespan


| | |
|---------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
|---------------------------|-----------------------|

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) | LDPFM FL HP 500W 840 40X85D |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|------------|
| 4058075418691 | Shipping box 1 | 675 mm x 650 mm x 230 mm | 20159.00 g | 100.91 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.