

# PRODUCT DATASHEET

## LED PERFORMANCE HP FLOOD 500W 840 90D

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 $\lambda$	$\geq 0.90$
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	$\geq 80$
Beam angle	90 °

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 <sup>1)</sup>
---------------------------	-----------------------

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 90D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075418684	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.