PRODUCT DATASHEET
LED PERFORMANCE HP FLOOD 400W 865 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
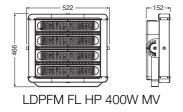– Lifetime (L70/B50): 50,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	400.00 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	48000 lm
Luminous efficacy	120 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	≥80
Beam angle	40 ° x 85 °

Dimensions & Weight

Length	522.00 mm
Width	466.00 mm
Height	152.00 mm
Product weight	15000.00 g

LDPFM FL HP 400W 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]	IES file (IES)	LDPFM FL HP 400W 865 40X85D

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075418578	Shipping box 1	600 mm x 540 mm x 230 mm	16421.00 g	74.52 dm^3

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.