

# PRODUCT DATASHEET LED PERFORMANCE HP FLOOD 400W 840 30D

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



840 30D

# **TECHNICAL DATA**

# Electrical data

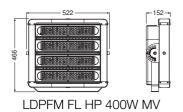
Nominal wattage	400.00 W
Nominal voltage	100240 V
Mains frequency	5060 Hz
Power factor $\lambda$	≥0.90
Total harmonic distortion	< 20 %
Protection class	I

# Photometrical data

Luminous flux	48000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Beam angle	30 °

# Dimensions & Weight

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



# 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				

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Certificates & Standards

Lifespan L70/B50 at 25 °C

	Replaceable light source (EPREL)	Not replaceable
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50000 h <sup>1)</sup>

## **DOWNLOAD DATA**

Photometric and lighting design files	Document name
IES file (IES)	LDPFM FL HP 400W 840 30D

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075418585	Shipping box	600 mm x 540 mm x 230 mm	16421.00 g	74.52 dm <sup>3</sup>

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**

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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.