

# PRODUCT DATASHEET LED PERFORMANCE HP FLOOD 800W 840 55D

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

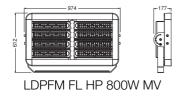
Nominal wattage	800.00 W
Nominal voltage	100240 V
Mains frequency	5060 Hz
Power factor $\lambda$	≥0.90
Total harmonic distortion	< 20 %
Protection class	1

### Photometrical data

Luminous flux	96000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	≥80
Beam angle	55 °

# Dimensions & Weight

Length	1029.00 mm
Width	659.00 mm
Height	154.00 mm
Product weight	37200.00 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		
Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>	

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

### **DOWNLOAD DATA**

Photometric and lighting design files	Document name
IES file (IES)	LDPFM FL HP 800W 840 55D

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075418837	Shipping box	1,089 mm x 725 mm x 219 mm	39973.00 g	172.91 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.