

# PRODUCT DATASHEET

## LED PERFORMANCE FL 50W 840

LED PERFORMANCE FLOODLIGHT | Luminaires



### Areas of application

- Airports
- Area lighting
- Billboard lighting
- Corridors
- Architectural lighting
- Outdoor use (IP65)

### Product benefits

- Dust and water protection according to IP65
- Easily installed
- Frosted cover made of tempered glass for uniform illumination
- Designed for extra performance
- Low maintenance costs thanks to long lifetime
- Compact and sleek design

### Product features

- Die-cast aluminum housing
- Available with color temperature: 3,000 K, 4,000 K, 6,500 K
- Lifetime (L70/B50): 50,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	236.000 mA <sup>1)</sup>
Power factor $\lambda$	0.90
Total harmonic distortion	20 %
Protection class	I

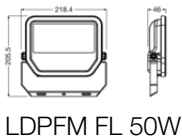
1) 220 V AC

Photometrical data

Luminous flux	6000 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	80
Standard deviation of color matching	< 5 sdcm
Beam angle	100 °

Dimensions & Weight

Length	218.40 mm
Width	206.00 mm
Height	46.00 mm
Product weight	1000.00 g



Materials & Colors

Product color	Black
---------------	-------

Housing color	Black
Body material	Aluminum
Cover material	Glass
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)	IK07
Dimmable	No
Mounting type	Standing Surface
Mounting location	Ground
Application environment	Outdoor
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 50W 840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429086	Folding box 1	67 mm x 224 mm x 181 mm	1107.00 g	2.72 dm³
4058075429093	Shipping box 8	462 mm x 284 mm x 207 mm	9480.00 g	27.16 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.