

PRODUCT DATASHEET

LED PERFORMANCE FL 200W 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	200.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	1000.000 mA ¹⁾
Max. number of luminaires per miniature circuit breaker B16	-
Max. number of luminaires per miniature circuit breaker C16	-
Power factor λ	0.90
Total harmonic distortion	20 %
Protection class	I

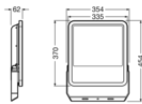
1) 220 V AC

Photometrical data

Luminous flux	25000 lm
Luminous efficacy	125 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	80
Standard deviation of color matching	< 5 sdcm
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Beam angle	100 °

Dimensions & Weight

Length	335.00 mm
Width	454.00 mm
Height	62.00 mm
Product weight	5990.00 g



LDPFM FL 200W 277V BK

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)	IK08
Dimmable	No
Mounting type	Standing Surface
Mounting location	Ground
Replaceable light source	No

Lifespan


Lifespan L70/B50 at 25 °C	50000 h ¹⁾
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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
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DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDPFM FL 200W 840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429383	Folding box 1	86 mm x 401 mm x 500 mm	6236.00 g	17.24 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429390	Shipping box 2	416 mm x 189 mm x 525 mm	13116.00 g	41.28 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.