

# PRODUCT DATASHEET

## LED PERFORMANCE FL 165W 865

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	165.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	830.000 mA <sup>1)</sup>
Max. number of luminaires per miniature circuit breaker B16	-
Max. number of luminaires per miniature circuit breaker C16	-
Power factor $\lambda$	0.90
Total harmonic distortion	20 %
Protection class	I

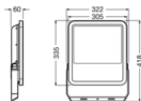
1) 220 V AC

Photometrical data

Luminous flux	20000 lm
Luminous efficacy	121 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	80
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Beam angle	100 °

Dimensions & Weight

Length	305.00 mm
Width	418.00 mm
Height	60.00 mm
Product weight	4820.00 g



LDPFM FL 165W 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 <sup>1)</sup>
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<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

Replaceable light source (EPREL)	Not replaceable
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## DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LDPFM FL 165W 865

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429345	Folding box 1	86 mm x 369 mm x 464 mm	5035.00 g	14.72 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075429352	Shipping box 2	384 mm x 189 mm x 489 mm	10649.00 g	35.49 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.