

PRODUCT DATASHEET

FLOODLIGHT PFM 20W 3000K 2200LM WT

FLOODLIGHT PERFORMANCE 20W | LED reflector (IP65) 20W in white or black versions



Areas of application

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas

Product benefits

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light

Product features

- Color temperature: 3,000 K or 5,000 K
- Color rendering index $R_a \geq 80$
- Impact resistance: IK08
- Available in matt white and matt black



TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	100...277 V
Mains frequency	50...60 Hz
Nominal current	72.2...200 mA
Max. number of luminaires per miniature circuit breaker B16	158
Max. number of luminaires per miniature circuit breaker C10	99
Max. number of luminaires per miniature circuit breaker C16	158
Power factor λ	0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	2200 lm
Luminous efficacy	110 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤5 sdc _m
Low flicker	Yes
Flickering metric (Pst LM)	N/A
Beam angle	100 °

Dimensions & Weight

Length	156.00 mm
Width	144.00 mm
Height	42.00 mm
Product weight	520.00 g

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polycarbonate (PC)

Mercury content	0.0 mg
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Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Ceiling / Floor
Application environment	Outdoor
Mounting length	156,0 mm
Mounting width	144,00 mm

Lifespan


Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B50 at 25 °C	55000 h
Number of switching cycles	≥100000

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)	FLOODLIGHT PFM 20W/830 WT

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075426818	Folding box 1	161 mm x 62 mm x 135 mm	572.00 g	1.35 dm³
4058075426825	Shipping box 12	396 mm x 336 mm x 161 mm	7510.00 g	21.42 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.