

# PRODUCT DATASHEET

## FL PFM ASYM 45x140 200 W 3000 K BK

**FLOODLIGHT PERFORMANCE ASYM 45x140 | Floodlight with asymmetric light distribution for area lighting**



### AREAS OF APPLICATION

- Direct replacement for luminaires using HID lamps
- Outdoor use (IP66)
- Public areas
- Industry
- Sports facilities
- Parking lots, industrial roads
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

### PRODUCT BENEFITS

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
- Bright, robust and durable
- Homogeneous luminance distribution and reduced glare
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Key hole to ensure ease of installation
- 5 years guarantee

### PRODUCT FEATURES

- High luminous efficacy: up to 130 lm/W
- Asymmetric light distribution for area lighting
- Angled (45°) mounting bracket and up to 180° tilting
- Type of protection: IP66
- Impact resistance: IK08



- Ambient temperature in operation: -30...+50 °C
- High surge protection: up to 10 kV (L/N-PE), 6 kV (L-N)
- Integrated breather for preventing condensation inside the luminaire
- Connection via 2 m cable, wiring required

**TECHNICAL DATA**

Electrical data

Nominal wattage	200.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	> 0.90
Mains frequency	50/60 Hz
Inrush current	65 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	600 μs

Luminaire control gear data

Ouput current	3850 mA
ECG - Output ripple current	<10 %
Low flicker	Yes
Max. no. of lum. on circuit break. B16 A	2
Max. no. of lum. on circuit break. C10 A	2
Max. no. of lum. on circuit break. C16 A	3

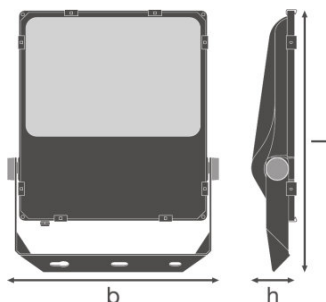
Photometrical data

Color temperature	3000 K
Luminous flux	24200 lm
Luminous efficacy	130 lm/W
Standard deviation of color matching	≤5 sdcn
Light color (designation)	Warm White
Color rendering index Ra	>80

Light technical data

Beam angle	45 ° x 140 °
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Dimensions & weight



<b>Length</b>	494.0 mm
<b>Width</b>	395.0 mm
<b>Height</b>	87.0 mm
<b>Product weight</b>	6300.00 g
<b>Cable length</b>	2000 mm

Colors & materials

<b>Body material</b>	Aluminum
<b>Housing color</b>	Black
<b>Product color</b>	Black
<b>Housing color</b>	Black
<b>Cover material</b>	Glass

Temperatures & operating conditions

<b>Ambient temperature range</b>	-30...+50 °C
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Lifespan

<b>Number of switching cycles</b>	10000
<b>Lifespan L70/B50 at 25 °C</b>	100000 h
<b>Lifespan L80/B10 at 25 °C</b>	70000 h
<b>Lifespan L90/B10 at 25 °C</b>	30000 h

Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Wall / Pole / Floor / Ceiling
<b>Product remark</b>	Available from November 2019

Capabilities

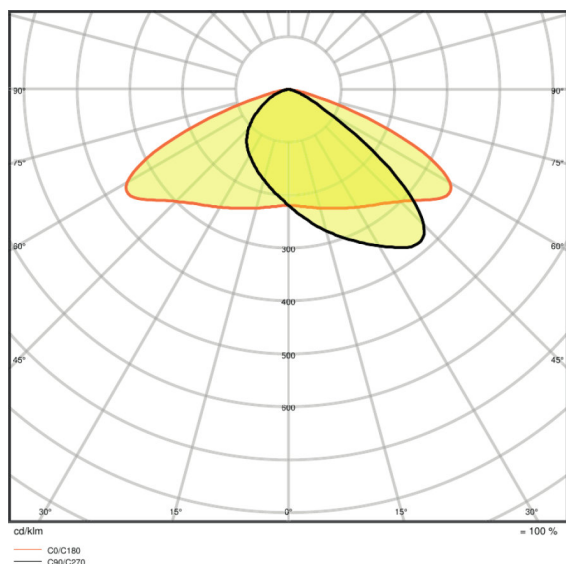
<b>Adjustable</b>	Yes
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<b>Dimmable</b>	No
<b>Type of connection</b>	Cable, 3-pole
<b>LED module replaceable</b>	Not replaceable

Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Glow Wire Test according to IEC 695-2-1</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 1
<b>Protection class</b>	I
<b>Type of protection</b>	IP66
<b>Luminaire with limited surface temperature, class "D"</b>	Yes
<b>Standards</b>	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075353718	Shipping carton box 1	568 mm x 140 mm x 430 mm	6878.00 g	34.19 dm <sup>3</sup>

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.

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## REFERENCES / LINKS

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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