

# PRODUCT DATASHEET

## FL PFM SYM R30 150 W 3000 K BK

**FLOODLIGHT PERFORMANCE SYM R30 | Floodlight with rotational symmetric light distribution for high mast area lighting**



### AREAS OF APPLICATION

- Direct replacement for luminaires using HID lamps
- Outdoor use (IP66)
- Public areas
- Industry
- Sports facilities
- Lighting of large areas
- 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 140 lm/W
- Rotational symmetric light distribution for high mast 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	150.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	3
Max. no. of lum. on circuit break. C10 A	2
Max. no. of lum. on circuit break. C16 A	4
Inrush current	110 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	200 $\mu$ s

### Luminaire control gear data

Low flicker	Yes
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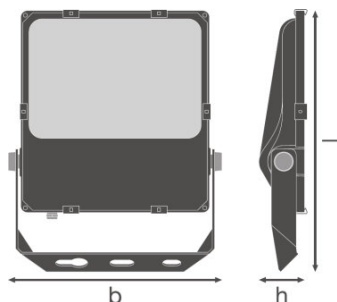
### Photometrical data

Color temperature	3000 K
Luminous flux	18700 lm
Luminous efficacy	125 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Warm White
Color rendering index Ra	>80

### Light technical data

Beam angle	30 °
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Dimensions & weight



<b>Length</b>	451.0 mm
<b>Width</b>	330.0 mm
<b>Height</b>	77.0 mm
<b>Product weight</b>	4500.00 g
<b>Cable length</b>	2000 mm

Colors & materials

<b>Body material</b>	Aluminum
<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>	100000
<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>Low flicker</b>	Yes

Capabilities

<b>Adjustable</b>	Yes
<b>Dimmable</b>	No

Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

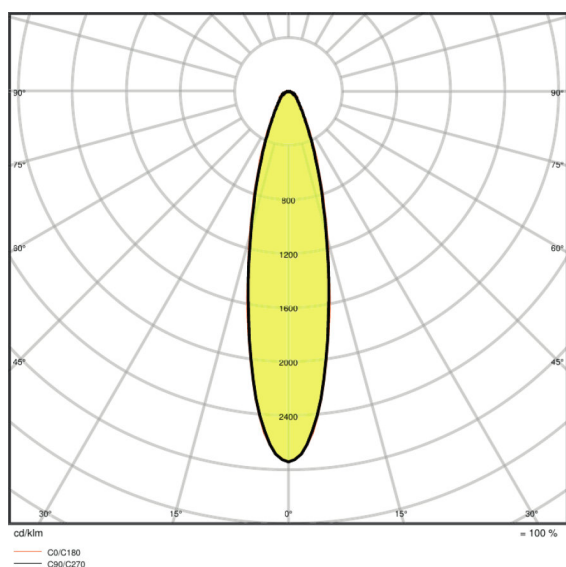
Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 1
Protection class	I
Type of protection	IP66
Luminaire with limited surface temperature, class "D"	Yes
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Logistical data

Temperature range at storage	-40...+70 °C
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Light Distribution



LDC typ polar

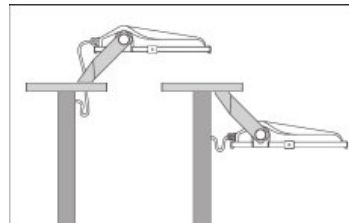
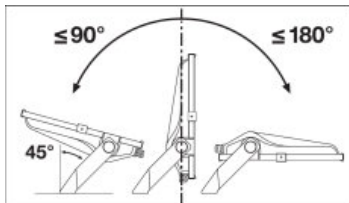
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075353756	Shipping carton box 1	516 mm x 130 mm x 368 mm	4970.00 g	24.69 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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#### ADDITIONAL CATALOG INFORMATION



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#### REFERENCES / LINKS

For Guarantee see

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

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