

# PRODUCT DATASHEET

## FL PFM 65 W 4000 K SYM 100 BK

FLOODLIGHT 65 W | Versatile floodlight with 65 W power consumption



### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Outdoor use (IP65)
- Industry
- Public areas
- Construction areas
- Building facades

### PRODUCT BENEFITS

- Bright, robust and durable
- Safe and very uniform illumination, due to frosted and tempered glass diffuser
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 5 years guarantee

### PRODUCT FEATURES

- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- Integrated wide voltage driver, suitable for 100 - 277 V<sub>AC</sub>
- Surge protection: up to 6 kV (L/N-PE), 4 kV (L-N)
- Mounting bracket with 30° angle and wide rotation area
- Breather membrane to optimize air exchange, without compromising IP protection
- Pre-installed, flexible 1 m cable (H05RN-F), wrapped 3 x 1.0 mm<sup>2</sup> single wires



**TECHNICAL DATA**

Electrical data

Nominal wattage	65.00 W
Operating mode	Integrated LED driver
Nominal voltage	100...277 V
Power factor $\lambda$	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	29
Max. no. of lum. on circuit break. C10 A	21
Max. no. of lum. on circuit break. C16 A	33
Inrush current	14.1 A
Total harmonic distortion	< 20 %
Inrush current time $T_{h50}$	145 $\mu$ s

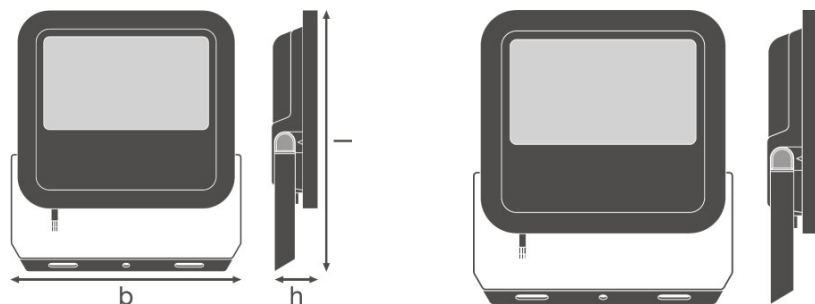
Photometrical data

Color temperature	4000 K
Luminous flux	8000 lm
Luminous efficacy	123 lm/W
Standard deviation of color matching	$\leq 5$ sdcn
Light color (designation)	Cool White
Color rendering index Ra	$\geq 80$

Light technical data

Beam angle	100 ° x 100 °
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Dimensions & weight



Length	268.0 mm
Width	237.0 mm
Height	49.0 mm

<b>Product weight</b>	2100.00 g
<b>Cable length</b>	1000 mm

### Colors & materials

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

### 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>	70000 h
<b>Lifespan L80/B10 at 25 °C</b>	55000 h
<b>Lifespan L90/B10 at 25 °C</b>	35000 h

### Additional product data

<b>Mounting type</b>	Surface
<b>Mounting location</b>	Wall / Ceiling / Floor
<b>Product remark</b>	Available from September 2020

### Capabilities

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

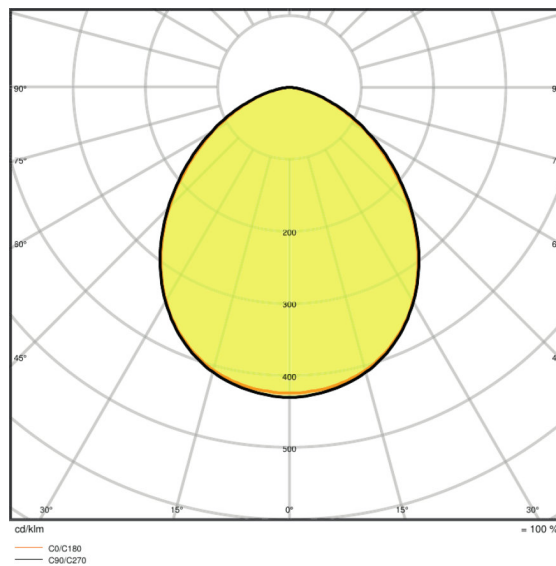
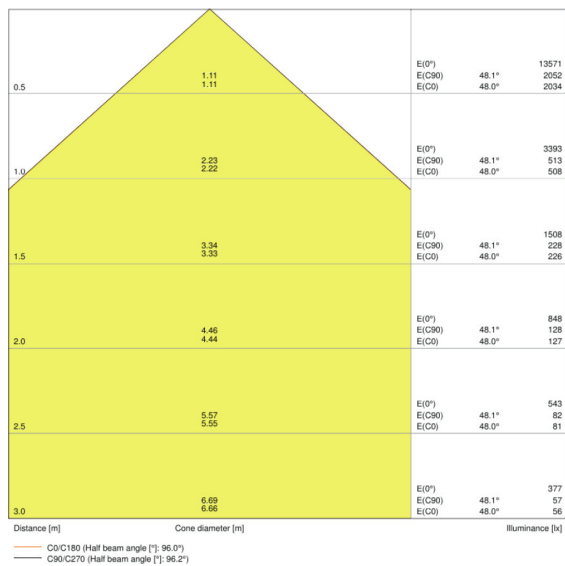
### Certificates & standards

<b>Protection class IK (shock resistance)</b>	IK08
<b>Glow Wire Test according to IEC 60695-2-12</b>	650 °C
<b>Photobiological safety group EN62778</b>	RG 1
<b>Photobio. safety group acc. to EN62471</b>	RG 1
<b>Protection class</b>	I
<b>Type of protection</b>	IP65
<b>Luminaire with limited surface temperature, class "D"</b>	No
<b>Standards</b>	CE/CB/ENEC/EAC/RoHS

### Logistical data

<b>Temperature range at storage</b>	-40...+70 °C
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Light Distribution



LDC typ cone

LDC typ polar

SAFETY ADVICE

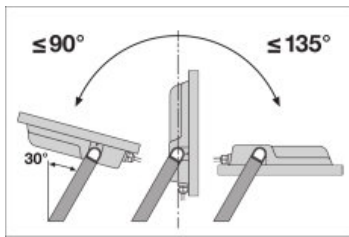
- Max. wind load surface 0.046 m<sup>2</sup>

LOGISTICAL DATA

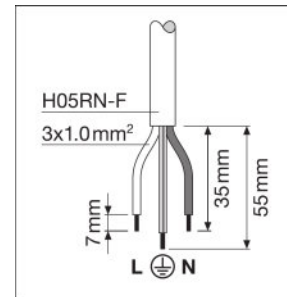
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075422469	Folding carton box 1	56 mm x 244 mm x 285 mm	2224.00 g	3.89 dm <sup>3</sup>
4058075422476	Shipping carton box 4	289 mm x 274 mm x 347 mm	9413.00 g	27.48 dm <sup>3</sup>

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.

ADDITIONAL CATALOG INFORMATION



	A	B	C	LED	IP
65 W	750	154	8.5	2x M8	0.0484vF
80 W	650	154	10.5	2x M10	0.0614vF
125 W	1170	119	10.5	2x M10	0.0834vF
165 W	1170	119	13.5	2x M12	0.1024vF
200 W	1170	138	12.5	2x M12	0.1244vF



## REFERENCES / LINKS

For Guarantee see

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

## DISCLAIMER

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