# PRODUCT DATASHEET
# FL PFM 30 W 3000 K SYM 100 WT

## FLOODLIGHT 30 W | Versatile floodlight with 30 W power consumption

### AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Outdoor use (IP65)
- Public areas
- Building facades
- Construction areas
- Gardens, balconies and other outdoor areas

### 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 $V_{AC}$
- Surge protection: up to 4 kV (L/N-PE), 2 kV (L-N)
- Mounting bracket with 30° angle and wide rotation area
- Pre-installed, flexible 1 m cable (H05RN-F), wrapped 3 x 1.0 $mm^2$ single wires


© 2021, LEDVANCE GmbH. All rights reserved.

## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Nominal wattage** | 30.00 W |
| **Operating mode** | Integrated LED driver |
| **Nominal voltage** | 100...277 V |
| **Power factor λ** | > 0.90 |
| **Mains frequency** | 50/60 Hz |
| **Max. no. of lum. on circuit break. B16 A** | 64 |
| **Max. no. of lum. on circuit break. C10 A** | 46 |
| **Max. no. of lum. on circuit break. C16 A** | 74 |
| **Inrush current** | 7.04 A |
| **Nominal current** | 0.147 A |
| **Total harmonic distortion** | < 20 % |
| **Inrush current time $T_{h50}$** | 25 µs |

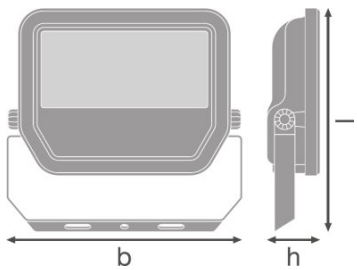
### Photometrical data

| | |
|---|---|
| **Color temperature** | 3000 K |
| **Luminous flux** | 3300 lm |
| **Luminous efficacy** | 110 lm/W |
| **Standard deviation of color matching** | ≤5 sdcm |
| **Light color (designation)** | Warm White |
| **Color rendering index Ra** | ≥80 |

### Light technical data

| | |
|---|---|
| **Beam angle** | 100 ° x 100 ° |

### Dimensions & weight




| | |
|---|---|
| **Length** | 177.0 mm |
| **Width** | 186.0 mm |


© 2021, LEDVANCE GmbH. All rights reserved.

| | |
|---|---|
| **Height** | 42.0 mm |
| **Product weight** | 700.00 g |
| **Cable length** | 1000 mm |

## Colors & materials

| | |
|---|---|
| **Body material** | Aluminum |
| **Product color** | White |
| **Housing color** | White |

## Temperatures & operating conditions

| | |
|---|---|
| **Ambient temperature range** | -30...+50 °C |

## Lifespan

| | |
|---|---|
| **Number of switching cycles** | 100000 |
| **Lifespan L70/B50 at 25 °C** | 70000 h |
| **Lifespan L80/B10 at 25 °C** | 55000 h |
| **Lifespan L90/B10 at 25 °C** | 35000 h |

## Additional product data

| | |
|---|---|
| **Mounting type** | Surface |
| **Product remark** | Available from July 2020 |

## Capabilities

| | |
|---|---|
| **Adjustable** | Yes |
| **Dimmable** | No |
| **Type of connection** | Cable, 3-pole |
| **LED module replaceable** | Not replaceable |

## Certificates & standards

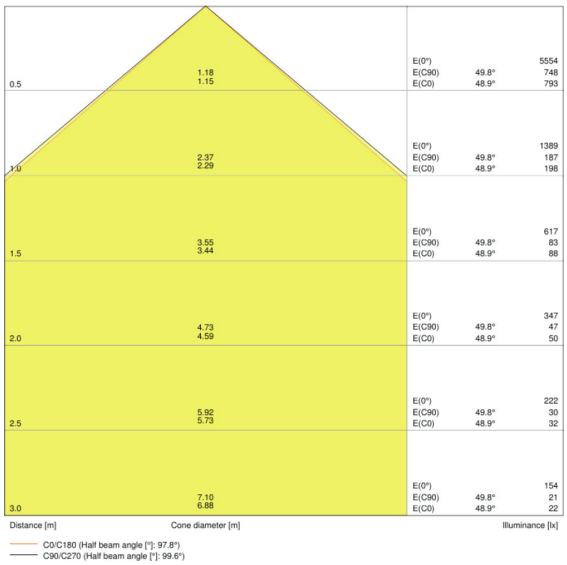
| | |
|---|---|
| **Protection class IK (shock resistance)** | IK07 |
| **Glow Wire Test according to IEC 60695-2-12** | 650 °C |
| **Photobiological safety group EN62778** | RG 1 |
| **Photobio. safety group acc. to EN62471** | RG 1 |
| **Protection class** | I |
| **Type of protection** | IP65 |
| **Luminaire with limited surface temperature, class "D“** | No |
| **Standards** | CE/CB/ENEC/EAC/RoHS |

## Logistical data

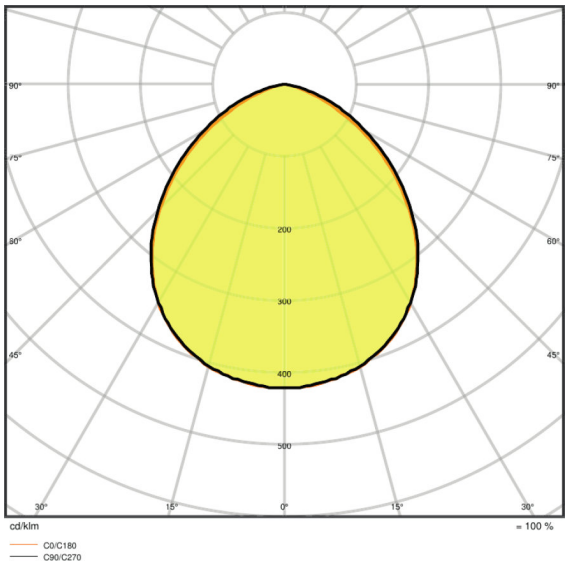
| | |
|---|---|
| **Temperature range at storage** | -40...+70 °C |


© 2021, LEDVANCE GmbH. All rights reserved.

## Light Distribution




LDC typ cone



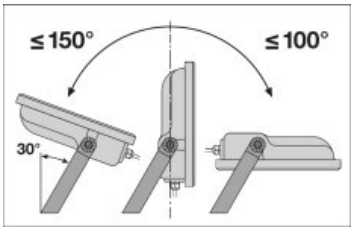

LDC typ polar

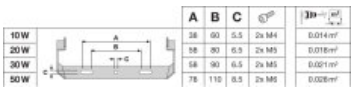
## LOGISTICAL DATA

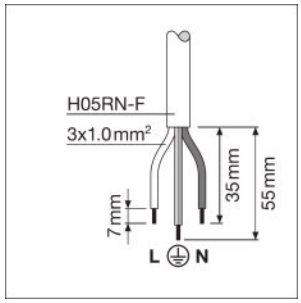
| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075421110 | Folding carton box<br>1 | 191 mm x 63 mm x 159 mm | 782.00 g | 1.91 dm³ |
| 4058075421127 | Shipping carton box<br>8 | 396 mm x 268 mm x 185 mm | 6765.00 g | 19.63 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.

## ADDITIONAL CATALOG INFORMATION





© 2021, LEDVANCE GmbH. All rights reserved.

## REFERENCES / LINKS

For Guarantee see

- www.ledvance.com/guarantee

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.


© 2021, LEDVANCE GmbH. All rights reserved.