

PRODUCT DATASHEET

FL PFM 30 W 3000 K SYM 100 BK

FLOODLIGHT 30 W | Versatile floodlight with up to 3600 lm light output



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 mm² single wires



TECHNICAL DATA

Electrical data

| | |
|--|-----------------------|
| Nominal wattage | 30.00 W |
| Operating mode | Integrated LED driver |
| Nominal voltage | 100...277 V |
| Nominal current | 147 mA |
| Inrush current | 7.04 A |
| Inrush current time T_{h50} | 25 μ s |
| 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 |
| Total harmonic distortion | < 20 % |

Luminaire control gear data

| | |
|-----------------------------|--------|
| Output current | 290 mA |
| ECG - Output ripple current | < 50 % |

Photometrical data

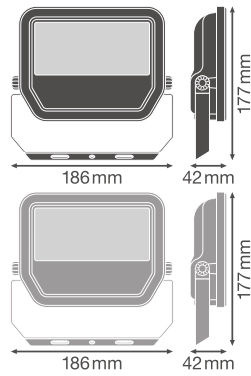
| | |
|--------------------------------------|---------------|
| Color temperature | 3000 K |
| Luminous flux | 3300 lm |
| Luminous efficacy | 110 lm/W |
| Light color | Warm White |
| Standard deviation of color matching | ≤ 5 sdcn |
| Color rendering index Ra | ≥ 80 |

Light technical data

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

Dimensions & weight





| | |
|----------------|-----------|
| Length | 177.00 mm |
| Height | 42.00 mm |
| Width | 186.00 mm |
| Cable length | 1000 mm |
| Product weight | 700.00 g |

Colors & materials

| | |
|---------------------------------|----------|
| Body material | Aluminum |
| Product color | Black |
| Housing color | Black |
| Light emitting surface material | Glass |

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

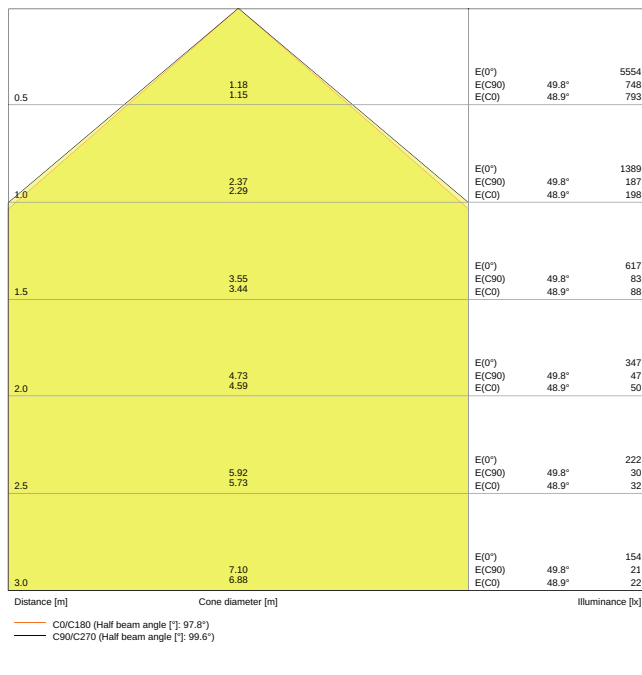
| | |
|-------------------|--------------------------|
| Mounting type | Surface |
| Mounting location | Wall / Ceiling / Floor |
| Product remark | Available from July 2020 |

Capabilities

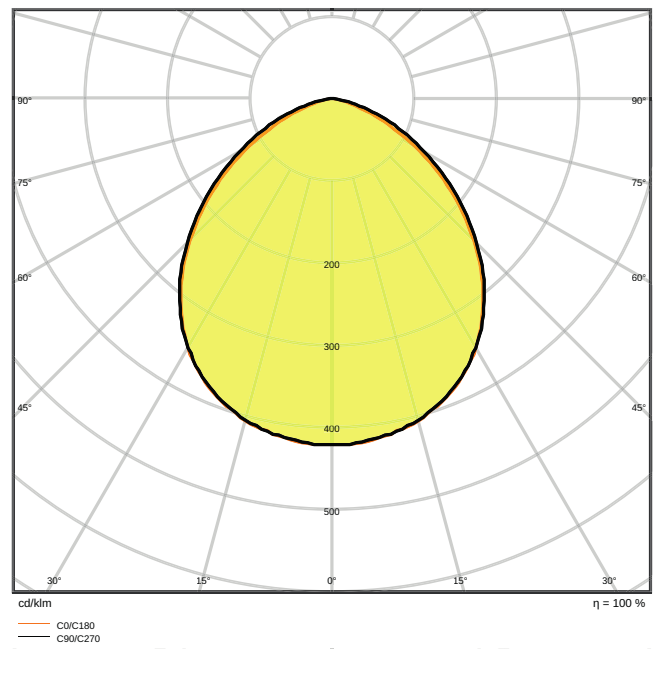
| | |
|--------------------|-----------------|
| Adjustable | Yes |
| Dimmable | No |
| Type of connection | Cable, 3-pole |
| LEDmod replaceable | Not replaceable |
| Ball shot safe | No |

Certificates & standards

| | |
|---|-----------------------------|
| Protection class IK (shock resistance) | IK07 |
| Glow Wire Test according to IEC 60695-2-11 | 650 °C |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobio. safety group acc. to EN62471 | RG1 |
| Protection class | I |
| Type of protection | IP65 |
| Standards | CE / CB / ENEC / EAC / RoHS |
| Luminaire with limited surface temperature, class "D" | No |



LDC typ cone













LDC typ polar



LOGISTICAL DATA

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

DOWNLOAD DATA

| DOWNLOAD DATA | |
|---|---|
|  | User instruction FLOODLIGHT |
|  | Tender documents Tender Text 4058075421097 |
|  | Certificates EAEC N RU D-DE.MYu62.B.01076 20 16.03.2020-15.03.2025 |
|  | Declarations of conformity FL PFM |
|  | IES file (IES) FL PFM 30W3000K SYM 100 BK |
|  | LDT file (Eulumdat) FL PFM 30W3000K SYM 100 BK |
|  | R3D file (Relux 3D Model) FL PFM 30W |
|  | M4D file (3D Model with rotation axis) FL PFM 30W |
|  | UGR file (UGR table) FL PFM 30W3000K SYM 100 BK |
|  | Packaging insert Legal insert |

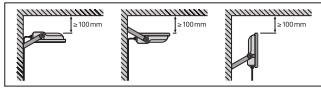
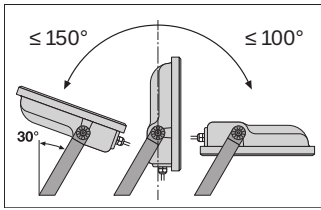
LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075421097 | Folding box 1 | 191 mm x 63 mm x 159 mm | 782.00 g | 1.91 dm ³ |
| 4058075421103 | Shipping box 8 | 396 mm x 268 mm x 185 mm | 6765.00 g | 19.63 dm ³ |

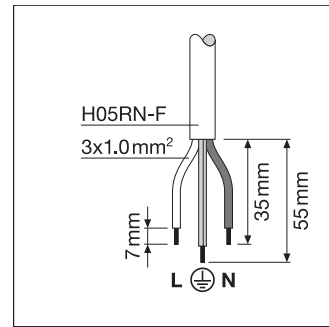
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION





| | A | B | C | ⚡ | 🏠 |
|-----|----|-----|-----|-------|---------|
| 10W | 38 | 60 | 5.5 | 2x M4 | 0.014m² |
| 20W | 58 | 80 | 6.5 | 2x M5 | 0.018m² |
| 30W | 58 | 90 | 6.5 | 2x M5 | 0.021m² |
| 50W | 78 | 110 | 8.5 | 2x M6 | 0.028m² |



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.

