# PRODUCT DATASHEET
# FL COMP V 50W 865 SYM 100 WT

## FLOODLIGHT COMPACT 50W | Floodlight with up to 5000 lm light output




### Areas of application

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

### Product benefits

- Robust, yet light and compact design
- 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
- 3 years guarantee

### Product features

- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- 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


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## TECHNICAL DATA

### Electrical data

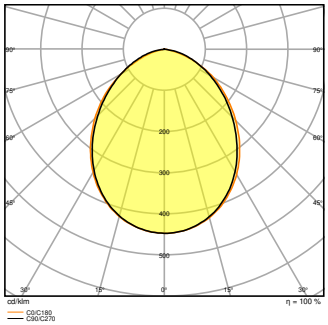
| | |
|---|---|
| Nominal wattage | 50.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 242 mA |
| Inrush current | 5.2 A |
| Inrush current time $T_{h50}$ | 1 µs |
| Max. no. of lum. on circuit break. B16 A | 36 |
| Max. no. of lum. on circuit break. C10 A | 26 |
| Max. no. of lum. on circuit break. C16 A | 42 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

### Photometrical data

| | |
|---|---|
| Luminous flux | 5000 lm |
| Luminous efficacy | 100 lm/W |
| Color temperature | 6500 K |
| Light color (designation) | Cool Daylight |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | < 5 sdcm |
| Luminous intensity | - |
| Low flicker | Yes |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 100 ° x 100 ° |

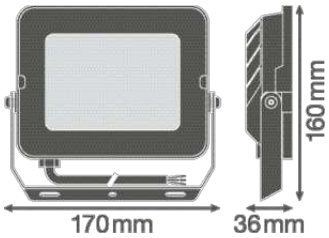



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## Dimensions & Weight

| | |
|---|---|
| Length | 160.00 mm |
| Width | 170.00 mm |
| Height | 36.00 mm |
| Product weight | 560.00 g |
| Cable length | 1000 mm |




## Materials & Colors

| | |
|---|---|
| Product color | White |
| Housing color | White |
| Body material | Aluminum |
| Cover material | Tempered glass |
| Light emitting surface material | Glass |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

## Application & Mounting


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| | |
|---|---|
| Ambient temperature range | -30...+45 °C |
| Temperature range at storage | -40...+70 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Pole / Floor |
| Application environment | Outdoor |
| Adjustable | Yes |
| LED module replaceable | Not replaceable |
| With light source | Yes |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 50000 h |
| Lifespan L80/B10 at 25 °C | 35000 h |
| Lifespan L90/B10 at 25 °C | 25000 h |
| Number of switching cycles | 100000 |

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / EAC |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |

## DOWNLOAD DATA

| | DOWNLOAD DATA |
|---|---|
| PDF | User instruction |
| PDF | Addon Technical Information |
| | Tender documents |
| PDF | Declarations of conformity |
| | IES file (IES) |


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| | DOWNLOAD DATA |
|---|---|
| | LDT file (Eulumdat) |
| | R3D file (Relux 3D Model) |
| | M4D file (3D Model with rotation axis) |
| | ULD file (DIALux) |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075574977 | Shipping box<br>8 | 364 mm x 224 mm x 174 mm | 5066.00 g | 14.19 $dm^3$ |

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

## References / Links

- For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

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