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

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. number of luminaires per miniature circuit breaker B16 | 36 |
| Max. number of luminaires per miniature circuit breaker C10 | 26 |
| Max. number of luminaires per miniature circuit breaker C16 | 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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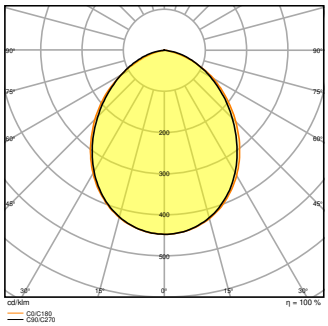
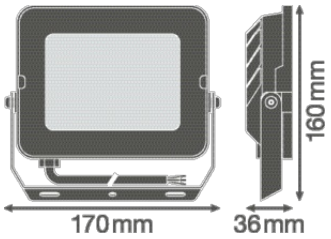



FL COMP V 50W 865 SYM 100 WT

## Dimensions & Weight

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




FL COMP V 50W SYM 100

## Materials & Colors

| | |
|---|---|
| Product color | Black |
| Housing color | Black |
| 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 |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## Application & Mounting

| | |
|---|---|
| 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 |
| With light source | Yes |
| Replaceable light source | No |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 50000 h [1)] |
| Lifespan L80/B10 at 25 °C | 35000 h [1)] |
| Lifespan L80/B50 at 25 °C | 35000 h |
| Lifespan L90/B10 at 25 °C | 25000 h |
| Number of switching cycles | 100000 |

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

## Certificates & Standards

| | |
|---|---|
| Standards | CE / CB / EAC |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |

## Safety advice

- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
- Terminal block not included. Installation must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

## DOWNLOAD DATA


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| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | FL COMP V SYM |
| PDF | Legal information | LSI FL COMP V |
| PDF | Legal information | Legal Insert FL COMP/SENSOR |
| PDF | Legal information | Informationstext 18 Abs 4 ElektroG |
| PDF | Declarations of conformity | FL COMP |
| PDF | Declarations of conformity UKCA | FL COMP V SYM 100 |

| | Photometric and lighting design files | Document name |
|---|---|---|
| IES | IES file (IES) | FL COMP V 50W 865 SYM 100 BK |
| LDT | LDT file (Eulumdat) | FL COMP V 50W 865 SYM 100 BK |
| ULD | ULD file (DIALux) | FL COMP V 50W 865 SYM 100 BK |
| ROLF | ROLF file (RELUX) | FL COMP V 50W 865 SYM |
| | Light distribution curve type polar | FL COMP V 50W 865 SYM 100 WT |

| | CAD/BIM files | Document name |
|---|---|---|
| RFA | BIM Revit 3D | FL COMP |
| STEP | CAD STEP 3D | FL COMP 50W |

| | Tender texts | Document name |
|---|---|---|
| TXT | Tender documents | FLOODLIGHT COMPACT 50W 865 SYM 100 BK-EN |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|


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| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075574939 | Folding box<br>1 | 175 mm x 52 mm x 150 mm | 595.00 g | 1.37 $dm^3$ |
| 4058075574946 | 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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