

PRODUCT DATASHEET

FLOODLIGHT 50 W 4000 K IP65 BK

FLOODLIGHT 50 | Luminaire with symmetrical light output with 50 W



AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

PRODUCT BENEFITS

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- 3 years guarantee

PRODUCT FEATURES

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK07
- Ambient temperature in operation: -20...+50 °C
- Connection via 1 m cable, wiring required



TECHNICAL DATA

Electrical data

| | |
|------------------------|-----------------------|
| Nominal wattage | 50.00 W |
| Operating mode | Integrated LED driver |
| Nominal voltage | 220...240 V |
| Power factor λ | > 0.90 |
| Mains frequency | 50/60 Hz |

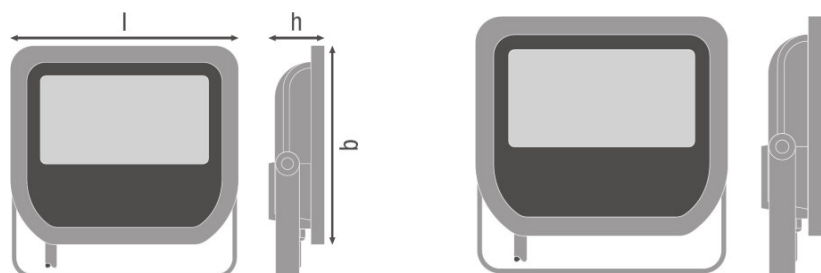
Photometrical data

| | |
|--------------------------------------|---------------------------|
| Color temperature | 4000 K |
| Luminous flux | 5500 lm |
| Luminous efficacy | 110 lm/W |
| Standard deviation of color matching | ≤ 5 sdc _m |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥ 80 |

Light technical data

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

Dimensions & weight



| | |
|----------------|----------|
| Length | 155.0 mm |
| Width | 180.0 mm |
| Height | 46.0 mm |
| Product weight | 930.00 g |
| Cable length | 1000 mm |

Colors & materials

| | |
|---------------|--------------------|
| Body material | Polycarbonate (PC) |
| Housing color | Black |

| | |
|-----------------------|----------------|
| Product color | Black |
| Cover material | Tempered glass |

Temperatures & operating conditions

| | |
|----------------------------------|-------------|
| Ambient temperature range | -20...50 °C |
|----------------------------------|-------------|

Lifespan

| | |
|------------------------------|---------|
| Lifespan L70 at 25 °C | 50000 h |
| Lifespan L80 at 25 °C | 30000 h |
| Lifespan L90 at 25 °C | 15000 h |

Additional product data

| | |
|--------------------------|------------------------|
| Mounting type | Surface |
| Mounting location | Wall / Ceiling / Floor |

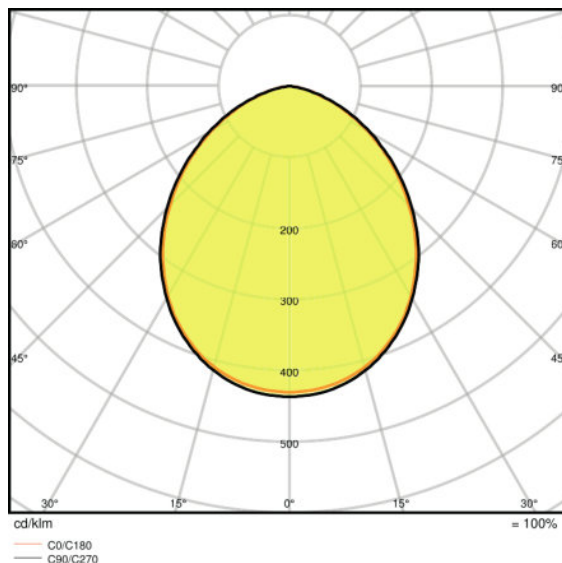
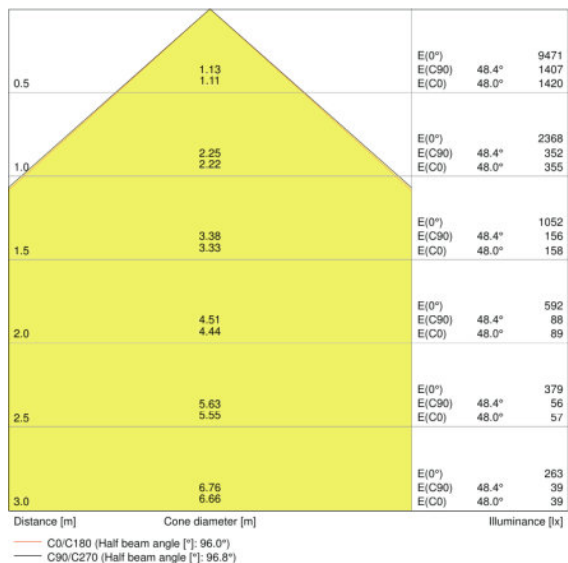
Capabilities

| | |
|-------------------------------|-----------------|
| 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 695-2-1 | 650 °C |
| Photobiological safety group EN62778 | RG 1 |
| Photobio. safety group acc. to EN62471 | RG 0 |
| Protection class | I |
| Type of protection | IP65 |
| Standards | CE/CB/TÜV SÜD/EAC/RoHS |

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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075097605 | Folding carton box 1 | 52 mm x 186 mm x 207 mm | 999.00 g | 2.00 dm ³ |
| 4058075097612 | Shipping carton box 10 | 385 mm x 277 mm x 231 mm | 10670.00 g | 24.63 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.

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.