# PRODUCT DATASHEET
# FLOODLIGHT  20 W 4000 K IP65 BK

**FLOODLIGHT 20 | Luminaire with symmetrical light output with 20 W**




## AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- 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




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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Nominal wattage** | 20.00 W |
| **Operating mode** | Integrated LED driver |
| **Nominal voltage** | 220...240 V |
| **Power factor λ** | > 0.90 |
| **Mains frequency** | 50/60 Hz |

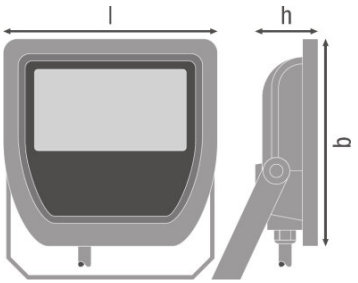
### Photometrical data

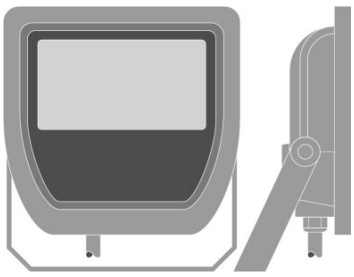
| | |
|---|---|
| **Color temperature** | 4000 K |
| **Luminous flux** | 2200 lm |
| **Luminous efficacy** | 110 lm/W |
| **Standard deviation of color matching** | ≤5 sdcm |
| **Light color (designation)** | Cool White |
| **Color rendering index Ra** | ≥80 |
| **Luminous efficacy of lamp in luminaire** | 110 lm/W |

### Light technical data

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

### Dimensions & weight



| | |
|---|---|
| **Length** | 130.0 mm |
| **Width** | 140.0 mm |
| **Height** | 41.0 mm |
| **Product weight** | 560.00 g |
| **Cable length** | 1000 mm |

### Colors & materials

| | |
|---|---|
| **Body material** | Polycarbonate (PC) |


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| | |
|---|---|
| **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 / Floor |

## Capabilities

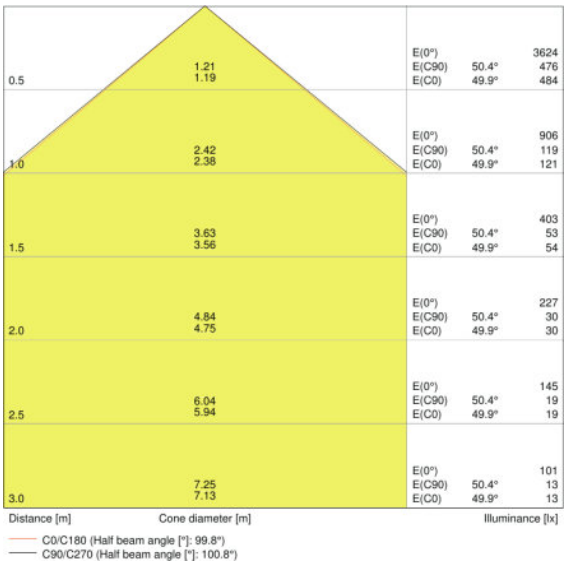
| | |
|---|---|
| **Dimmable** | No |
| **Type of connection** | Cable, 3-pole |
| **LED module replaceable** | Not replaceable |

## Certificates & standards

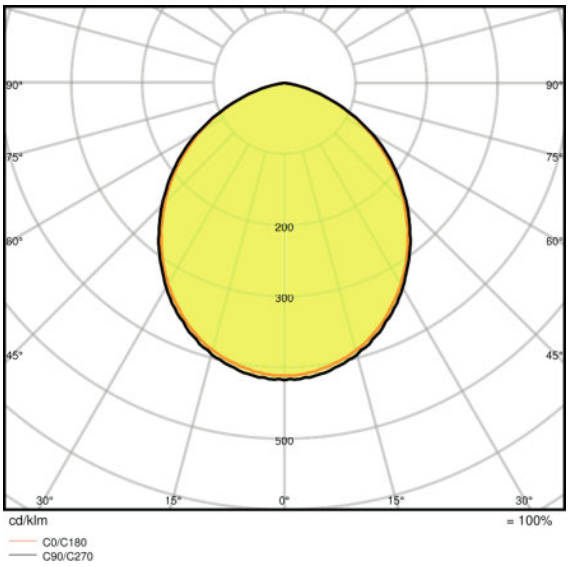
| | |
|---|---|
| **Protection class IK (shock resistance)** | IK07 |
| **Photobiological safety group** | RG 0 |
| **Protection class** | I |
| **Type of protection** | IP65 |
| **Standards** | CE/CB/TÜV SÜD/EAC/RoHS |


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## Light Distribution




LDC typ cone




LDC typ polar

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4058075097483 | FLOODLIGHT 20 W 4000 K IP65 BK | Shipping carton box 10 | 301 mm x 247 mm x 221 mm | 16.43 $dm^3$ | 6780.00 g |

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.


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