

PRODUCT DATASHEET

FLOODLIGHT 20 W 4000 K IP65 BK

FLOODLIGHT 20 | Floodlight 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

- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- 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

- 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 | 20.00 W |
| Operating mode | Integrated LED driver |
| Nominal voltage | 220...240 V |
| Power factor λ | > 0.90 |
| Mains frequency | 50/60 Hz |
| Inrush current | 19.0 A |
| Total harmonic distortion | < 25 % |

Luminaire control gear data

| | |
|--|-----|
| Max. no. of lum. on circuit break. B16 A | 83 |
| Max. no. of lum. on circuit break. C10 A | 66 |
| Max. no. of lum. on circuit break. C16 A | 106 |

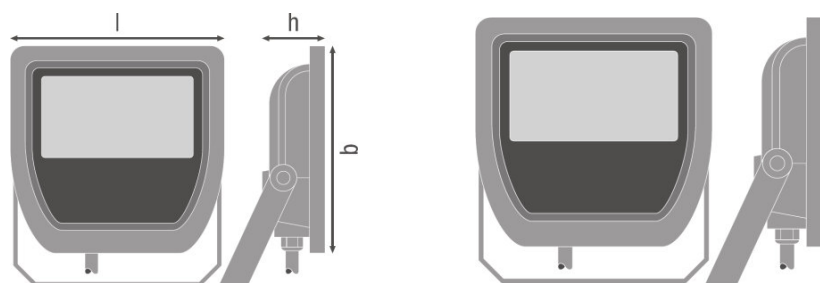
Photometrical data

| | |
|--------------------------------------|---------------------------|
| Color temperature | 4000 K |
| Luminous flux | 2200 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 | 130.0 mm |
| Width | 140.0 mm |

| | |
|-----------------------|----------|
| Height | 41.0 mm |
| Product weight | 560.00 g |
| Cable length | 1000 mm |

Colors & materials

| | |
|-----------------------|-----------------------------|
| Body material | Aluminum/Polycarbonate (PC) |
| Product color | Black |
| Housing color | Black |
| Cover material | Tempered glass |

Temperatures & operating conditions

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

Lifespan

| | |
|-----------------------------------|---------|
| Number of switching cycles | 100000 |
| Lifespan L70/B50 at 25 °C | 50000 h |
| Lifespan L80/B10 at 25 °C | 30000 h |
| Lifespan L90/B10 at 25 °C | 15000 h |

Additional product data

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

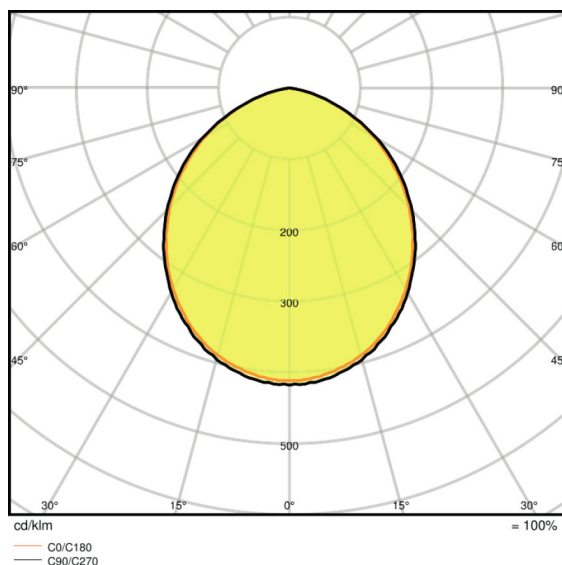
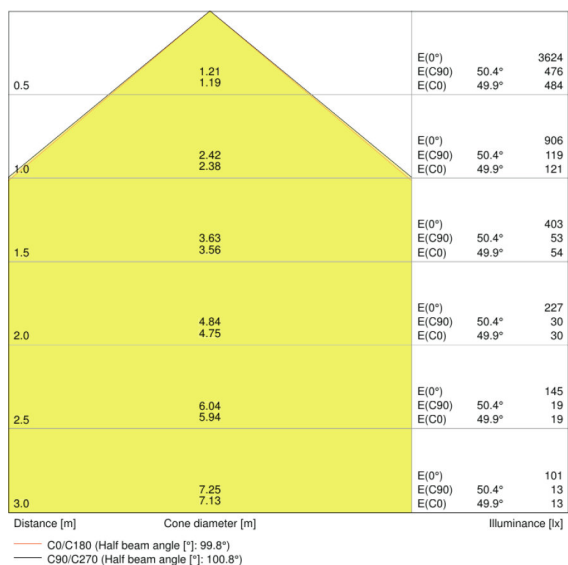
Capabilities

| | |
|-------------------------------|-----------------|
| Adjustable | Yes |
| 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 |
| Luminaire with limited surface temperature, class "D" | Yes |
| 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075097483 | Folding carton box 1 | 46 mm x 146 mm x 197 mm | 611.00 g | 1.32 dm ³ |
| 4058075097490 | Shipping carton box 10 | 309 mm x 255 mm x 228 mm | 6780.00 g | 17.97 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.