# PRODUCT DATASHEET
# Floodlight Essential 200W 4000K

**Essentials Floodlights | Essential Floodlights for basic user purposes**

## Areas of application

– Outdoor
– Building facades

## Product benefits

– IP65 protection is suitable for outdoor application
– White satin-frosted diffuser for uniform glare-free light

## Product features

– IP65 outdoor floodlight
– Adjustable light angle
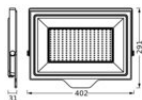
## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 200.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 900.000 mA |
| Inrush current | 1.58 A |
| Inrush current time $T_{h50}$ | 150 µs |
| Max. number of luminaires per miniature circuit breaker B16 | 12 |
| Max. number of luminaires per miniature circuit breaker C16 | 12 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Integrated LED driver |

### Photometrical data

| | |
|---|---|
| Luminous flux | 20000 lm |
| Total luminous flux of contained light sources | 22500 lm |
| Luminous efficacy | 100 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 6 sdcm |
| Luminous intensity | 8000 cd |
| Flickering metric (Pst LM) | <1 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 110 ° |

### Dimensions & Weight

| | |
|---|---|
| Length | 402.00 mm |
| Width | 31.00 mm |
| Height | 291.00 mm |
| Product weight | 2160.00 g |

## Materials & Colors

| | |
|---|---|
| Product color | Black |
| Housing color | Black |
| Body material | Aluminum |
| Cover material | Glass |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

## Application & Mounting

| | |
|---|---|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -25...+80 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | No |
| Mounting type | Surface |
| LED module replaceable | Not replaceable |
| With light source | Yes |

## Lifespan

| | |
|---|---|
| Lifespan L70/B50 at 25 °C | 25000 h [1] |
| Number of switching cycles | 12500 |

[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 / UKCA |
| Luminaire with limited surface temperature, "D sign" | No |

## Additional product data

| | |
|---|---|
| Product remark | Available from October 2023 |

| Number of illuminants | 1 |
|---|---|

## EQUIPMENT / ACCESSORIES

– Connection cable included

## DOWNLOAD DATA

| | Documents and certificates |
|---|---|
| PDF | User instruction |
| PDF | Packaging insert |
| PDF | Declarations Of Conformity CE |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075831513 | Folding box<br>1 | 42 mm x 407 mm x 303 mm | 2311.00 g | 5.18 dm³ |
| 4058075831520 | Shipping box<br>4 | 427 mm x 187 mm x 330 mm | 9701.00 g | 26.35 dm³ |

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.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.