

PRODUCT DATASHEET

ENDURA Flood 100 W 4000 K DG

ENDURA® FLOOD Cool White | Outdoor luminaires in 4000K



Areas of application

- Outdoor
- Replacement for floodlights with halogen lamps
- Garages
- Building facades

Product benefits

- Quick and simple installation thanks to low profile, compact and light weight design
- Energy savings of up to 80 % compared to halogen lamp floodlights
- Semi-frosted, tempered glass cover for uniform illumination

Product features

- Very bright and functional outdoor LED luminaires
- Symmetrical beam angle: 110° x 110°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Ambient temperature in operation: -20...+45 °C
- Connection via 1 m cable, wiring required



TECHNICAL DATA

Electrical data

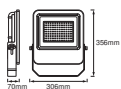
| | |
|---|-------------------------------|
| Nominal wattage | 100.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 550.000 mA |
| Max. number of luminaires per miniature circuit breaker B16 | 23 |
| Max. number of luminaires per miniature circuit breaker C16 | 23 |
| Power factor λ | > 0.90 |
| Total harmonic distortion | < 20 % |
| Protection class | I |
| Operating mode | Electronic control gear (ECG) |

Photometrical data

| | |
|--|--------------------|
| Luminous flux | 8800 lm |
| Luminous efficacy | 88 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | 6 sdc _m |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 120 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 356.00 mm |
| Width | 306.00 mm |
| Height | 70.00 mm |
| Product weight | 3500.00 g |
| Cable length | 1000 mm |



ENDURA FLOOD 100W

Materials & Colors

| | |
|-----------------|-----------|
| Product color | Dark gray |
| Housing color | Dark gray |
| Body material | Aluminum |
| Cover material | Glass |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|---------------|
| Ambient temperature range | -20...+45 °C |
| Temperature range at storage | -30...+70 °C |
| Type of connection | Cable, 3-pole |
| Type of protection | IP65 |
| Protection class IK (shock resistance) | IK08 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| With light source | Yes |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 30000 h ¹⁾ |
| Number of switching cycles | 15000 |

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 / EAC / UKCA |
| Luminaire with limited surface temperature, "D sign" | No |
| Replaceable light source (EPREL) | Not replaceable |

Safety advice

- All electrical connections 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.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|----------------------------------|
|  | User instruction / safety instructions | User instructions ENDURA FLOOD |
|  | Legal information | OUTDOOR LUMINAIRES |
|  | Declarations of conformity | CE Declaration Endura Floodlight |
|  | Declarations of conformity UKCA | FLOODLIGHT |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075206809 | Folding box 1 | 120 mm x 326 mm x 375 mm | 3569.00 g | 14.67 dm ³ |
| 4058075206816 | Shipping box 2 | 340 mm x 255 mm x 395 mm | 7596.00 g | 34.25 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.

DISCLAIMER

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