

PRODUCT DATASHEET

ENDURA Flood 10 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

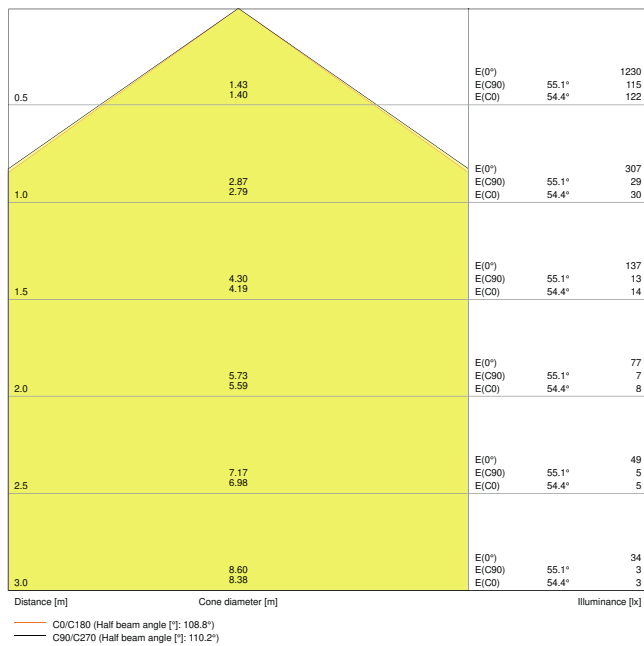


TECHNICAL DATA**Electrical data**

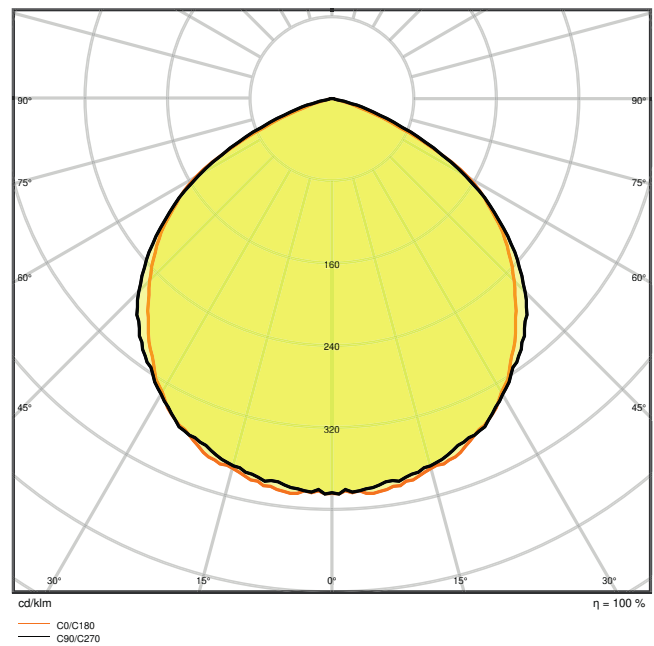
| | |
|---|-------------------------------|
| Nominal wattage | 10.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 46.000 mA |
| Max. number of luminaires per miniature circuit breaker B16 | 278 |
| Max. number of luminaires per miniature circuit breaker C16 | 278 |
| Power factor λ | > 0.90 |
| Protection class | I |
| Operating mode | ELECTRONIC CONTROL GEAR (ECG) |

Photometrical data

| | |
|--|--------------------|
| Luminous flux | 800 lm |
| Luminous efficacy | 80 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 ° |



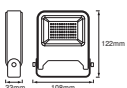
ENDURA FLOOD 10W 840 DG



ENDURA FLOOD 10W 840 DG

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 122.00 mm |
| Width | 108.00 mm |
| Height | 33.00 mm |
| Product weight | 280.00 g |



ENDURA FLOOD 10W

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) | IK06 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| LED module replaceable | Not replaceable |
| 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 |

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|---------------------------------|----------------------------------|
|  | User Instruction | ENDURA FLOOD |
|  | Legal information | OUTDOOR LUMINAIRES |
|  | Declarations of conformity | CE Declaration Endura Floodlight |
|  | Declarations Of Conformity UKCA | FLOODLIGHT |
| Photometric and lighting design files | | Document name |
|  | IES file (IES) | ENDURA FLOOD 10W 840 DG |

| Photometric and lighting design files | Document name |
|--|-------------------------|
|  LDT file (Eulumdat) | ENDURA FLOOD 10W 840 DG |
|  UGR file (UGR table) | ENDURA FLOOD 10W 840 DG |
|  LDC typ cone | ENDURA FLOOD 10W 840 DG |
|  LDC typ polar | ENDURA FLOOD 10W 840 DG |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075206663 | Folding box 1 | 72 mm x 122 mm x 136 mm | 311.00 g | 1.19 dm ³ |
| 4058075206670 | Shipping box 12 | 255 mm x 225 mm x 285 mm | 4047.00 g | 16.35 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.