

PRODUCT DATASHEET

ENDURA Style Lantern Modern 90cm 12W

ENDURA® STYLE LANTERN MODERN | Contemporary lanterns with light guide for low-glare illumination



Areas of application

- Outdoor use (IP44)
- Building facades
- Gardens, balconies and other outdoor areas
- Pathway lighting
- Driveways

Product benefits

- Energy-efficient thanks to LED technology
- Easy and quick installation

Product features

- Very bright and functional outdoor LED luminaires
- Die-cast aluminum housing
- Available as wall and bollard luminaires



TECHNICAL DATA

Electrical data

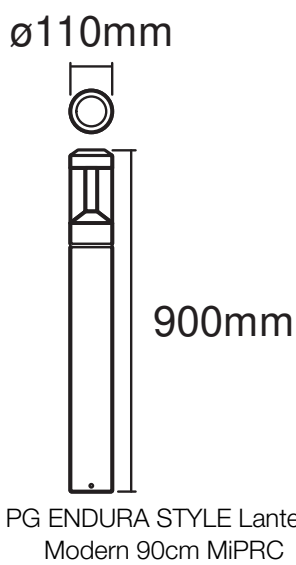
| | |
|---|---------------|
| Nominal wattage | 12.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 65.000 mA |
| Max. number of luminaires per miniature circuit breaker B16 | 20 |
| Max. number of luminaires per miniature circuit breaker C16 | 28 |
| Power factor λ | > 0.5 |
| Total harmonic distortion | $\leq 70 \%$ |
| Protection class | I |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|----------------------------|
| Luminous flux | 610 lm |
| Total luminous flux of contained light sources | 900 lm |
| Luminous efficacy | 50 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤ 6 sdc _{cm} |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 360 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Diameter | 110.00 mm |
| Height | 900.00 mm |
| Product weight | 3100.00 g |



Materials & Colors

| | |
|-----------------|--------------------|
| Product color | Dark gray |
| Housing color | Dark gray |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|----------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -20...+85 °C |
| Type of connection | Screw terminal |
| Type of protection | IP54 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| With light source | Yes |
| Replaceable light source | No |

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 |

Additional product data

| | |
|-----------------------|-------|
| Number of illuminants | empty |
|-----------------------|-------|






EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

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.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|---------------------------------------|
|  | User instruction / safety instructions | ENDURA STYLE LANTERN MODERN |
|  | Legal information | Legal Insert B - Outdoor Not dimmable |
|  | Legal information | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity | ENDURA STYLE LUM |
|  | Declarations of conformity UKCA | Fixed LUM |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075205055 | Folding box 1 | 194 mm x 194 mm x 936 mm | 3310.00 g | 35.23 dm³ |
| 4058075205062 | Shipping box 2 | 405 mm x 205 mm x 955 mm | 7509.00 g | 79.29 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.