

PRODUCT DATASHEET

Endura Style Adjustable Beam Sensor USB

Dark Gray

Endura Style Sensor USB Adjustable Beam | Dark grey wall luminaire with battery, sensor, adjustable beam angles and IP54 protection



Areas of application

- Building facades
- Entrance lighting
- Patios, balconies
- General illumination
- Gardens
- Pathway lighting
- Driveways

Product benefits

- Adjustable beam angles of UP and DOWN light cones
- 2 different work modes - Mode 1: 100% light for 40 seconds when motion detected (dusk-to-dawn); Mode 2: 20% light permanently on + 100% light for 40 seconds when motion detected (dusk-to-dawn)
- Easy and quick installation

Product features

- PIR motion detection and daylight sensor, matching with housing color
- Polycarbonate (PC) diffuser
- Indirect illumination
- Type of protection: IP54
- Battery rechargeable via USB cable

TECHNICAL DATA

Electrical data

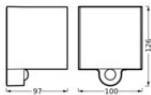
| | |
|------------------|---------|
| Nominal wattage | 2.50 W |
| Nominal voltage | 5 V |
| Protection class | III |
| Operating mode | Battery |

Photometrical data

| | |
|--|---------------------|
| Luminous flux | 180 lm |
| Total luminous flux of contained light sources | 300 lm |
| Luminous efficacy | 72 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | ≤6 sdc _m |
| Flickering metric (Pst LM) | ≤1 % |
| Stroboscope effect metric (SVM) | ≤0.4 |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 10...90 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 100.00 mm |
| Width | 97.00 mm |
| Height | 126.00 mm |
| Product weight | 460.00 g |



ENDURA STYLE ADJ BEAM SEN
USB

Materials & Colors

| | |
|----------------|---------------------------------------|
| Product color | Dark gray |
| Housing color | Dark gray |
| Body material | Acrylonitrile butadiene styrene (ABS) |
| 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 |
| Type of connection | USB |
| Type of protection | IP54 |
| Protection class IK (shock resistance) | IK05 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| Adjustable | Yes |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
| Number of switching cycles | 100000 |

¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Sensor

| | |
|--|------------------------|
| Type of sensor | PIR / Motion / Light |
| Sensor technology | Passive infrared (PIR) |
| Sensor detection angle | 100 ° |
| Detection range of motion sensor | 5...8 m |
| Detection threshold of daylight sensor | < 80 lx |

BATTERY

| | |
|------------------------------|-------------|
| Type of Battery | Lithium ion |
| Battery size [GMS] | Others |
| Number of included batteries | 2 |
| Nominal voltage of battery | 3.7 V |
| Nominal capacity of battery | 4400 mAh |
| Battery charging time | 7 h |

Certificates & Standards

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





Additional product data

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

Safety advice

- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

DOWNLOAD DATA

| Documents and certificates | | Document name |
|--|--|----------------------------------|
|  | User instruction / safety instructions | Endura Adjustable beam angle |
|  | Legal information | Solar not dimmable |
|  | Declarations of conformity | ENDURA STYLE ADJ BEAM SEN USB DG |
|  | Declarations of conformity UKCA | ENDURA STYLE ADJ BEAM SEN USB |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854185403 | Folding box 1 | 112 mm x 137 mm x 112 mm | 534.00 g | 1.72 dm ³ |
| 4099854185410 | Shipping box 4 | 250 mm x 160 mm x 255 mm | 2374.00 g | 10.20 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.