

# 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
- 3 different work modes - Mode 1: 100% light; Mode 2: 20% light permanently on + 100% light when motion detected; Mode 3: 100% light when motion detected
- Easy and quick installation

### Product features

- PIR motion detection and daylight sensor, matching with housing color
- Polycarbonate (PC) diffuser
- Indirect illumination
- Type of protection: IP65
- Battery rechargeable via USB cable

TECHNICAL DATA

Electrical data

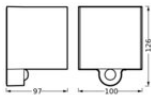
|                  |         |
|------------------|---------|
| Nominal wattage  | 2.50 W  |
| Nominal voltage  | 5 V     |
| Protection class | III     |
| Operating mode   | Battery |

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 sdcm    |
| 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  |



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             |
| LED module replaceable                 | Not replaceable |
| With light source                      | Yes             |

## Lifespan

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

<sup>1)</sup> 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      |
| Nominal voltage of battery | 3.7 V       |
| Battery charging time      | 7 h         |

## Certificates & Standards

|                                                      |           |
|------------------------------------------------------|-----------|
| Standards                                            | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No        |

## Additional product data

|                       |                             |
|-----------------------|-----------------------------|
| Product remark        | Available from January 2024 |
| Number of illuminants | 1                           |

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included
- Charging cable included

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## DOWNLOAD DATA

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

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## LOGISTICAL DATA

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

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.

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## DISCLAIMER

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