

PRODUCT DATASHEET

ENDURA® Style USB Volt Square Sensor IP54

Dark grey

ENDURA® Style USB Volt | Battery-powered wall luminaires with USB-C charging, integrated battery, motion and daylight sensor, aluminum housing and energy level indicator



Areas of application

- Outdoor
- Entrance lighting
- Patios, balconies
- General illumination
- Facade and building illumination
- Garage, barn, attic, basement

Product benefits

- Battery-powered outdoor luminaire
- Easy and quick installation, independent from connection to power supply
- Easily detachable from the wall for charging thanks to magnetic mounting plate
- Energy-efficient thanks to LED technology

Product features

- Integrated rechargeable lithium battery which can be charged via USB cable
- Operating time with fully charged battery: more than 2 months (depending on the work mode and conditions)
- Charging time: Up to 3 h
- 3 different work modes: Mode 1: automatically 30% light for 2 hours (dusk-to-dawn); Mode 2: 100% light for 30 seconds when motion detected (dusk-to-dawn); Mode 3: Non-sensor mode-100% light constantly ON
- Robust technical design



- Housing material: aluminum
- Diffuser made of opal polycarbonate
- Type of protection: IP54
- PIR motion detection and daylight sensor, matching with housing color
- Lower light smog, on-demand lighting (sensor version)

TECHNICAL DATA

Electrical data

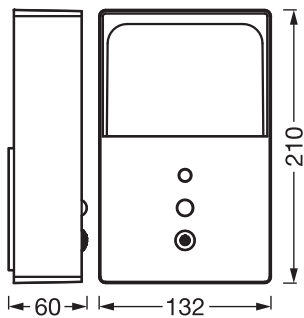
| | |
|---------------------------|-------------|
| Nominal wattage | 5.00 W |
| Nominal voltage | 5 DC V |
| Nominal current | 1200.000 mA |
| Total harmonic distortion | < 20 % |
| Protection class | III |
| Operating mode | Battery |

Photometrical data

| | |
|--|------------|
| Luminous flux | 350 lm |
| Total luminous flux of contained light sources | 650 lm |
| Luminous efficacy | 70 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | > 80 |
| Flickering metric (Pst LM) | < 1 |
| Stroboscope effect metric (SVM) | < 0.4 |
| Photobiological safety group acc. to EN62778 | RG1 |
| Beam angle | 230 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 132.00 mm |
| Width | 60.00 mm |
| Height | 210.00 mm |
| Product weight | 640.00 g |



ENDURA STY USB VOLT SQ S
IP54 DG

Materials & Colors

| | |
|--|--------------------|
| Product color | Dark grey |
| Housing color | Dark grey |
| Body material | Aluminum |
| Cover material | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |

Application & Mounting

| | |
|--|--------------|
| Ambient temperature range | -10...+40 °C |
| Temperature range at storage | -20...+45 °C |
| Type of protection | IP54/IP54 |
| Protection class IK (shock resistance) | IK06 |
| Dimmable | Yes |
| Type of dimming | Push-DIM |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| With light source | Yes |
| Replaceable light source | No |

Lifespan

| | |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C | 50000 h ¹⁾ |
| Number of switching cycles | 12500 |

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 | Light / Motion |
| Sensor technology | Passive infrared (PIR) |
| Sensor detection angle | 120 ° |
| Sensor controlled switching time | 30 s |
| Detection range of motion sensor | 6...8 m |
| Detection threshold of daylight sensor | 20...50 lx |

BATTERY

| | |
|------------------------------|-------------|
| Type of Battery | Lithium ion |
| Battery size [GMS] | Others |
| Number of included batteries | 1 |
| Nominal voltage of battery | 3.7 V |
| Nominal capacity of battery | 4400 mAh |
| Battery charging time | 3 h |

Certificates & Standards

| | |
|----------------------------------|-----------------|
| Standards | CE / UKCA |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |


EQUIPMENT / ACCESSORIES




- Mounting accessories included
- USB charging cable (cable length: 1.0 m) included

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: +40 °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 STYLE USB |

| Documents and certificates | | Document name |
|--|---------------------------------|-------------------------|
|  | Legal information | Safety insert G11219579 |
|  | Declarations of conformity | ENDURA Style USB |
|  | Declarations of conformity UKCA | ENDURA Style USB |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854678011 | Folding box 1 | 67 mm x 139 mm x 219 mm | 878.00 g | 2.04 dm ³ |
| 4099854678028 | Shipping box 4 | 292 mm x 148 mm x 245 mm | 3757.00 g | 10.59 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.