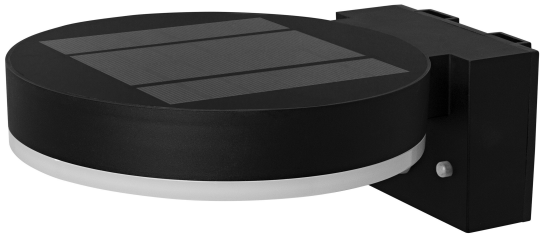
# PRODUCT DATASHEET
# ENDURA Style Solar Wall Sensor Single Circle 6W Black

ENDURA® STYLE SOLAR SINGLE CIRCLE | Solar-powered lantern luminaires with motion and light sensor, single circle



## Areas of application

- Outdoor use (IP44)
- Areas where no power supply is available

## Product benefits

- Demand based lighting thanks to motion and daylight sensor
- Easy adjustment of daylight and motion detection via push switch
- Easy and quick installation

## Product features

- Solar powered outdoor LED luminaire
- PIR motion detector and daylight sensor
- 3 operating modes selectable
- Operating mode 1: light continous on with 200 lumen (Max. 2.5 hours at full charge)
- Operating mode 2: light continous on with 75 lumen (Max. 8 hours at full charge), switches to 300 lumen when moving (Max. 100 times lit at full charge)
- Operating mode 3: light off, switches to 400 lumen when moving (Max. 100 times lit at full charge)
- Battery charging via solar panel
- Battery technology: lithium-ion
- Stainless steel housing




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# TECHNICAL DATA

## Electrical data

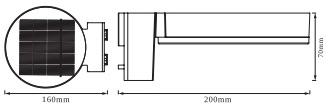
| | |
|---|---|
| Nominal wattage | 6.00 W |
| Nominal voltage | 3,2 V |
| Mains frequency | 0 Hz |
| Nominal current | 1700.000 mA |
| Protection class | III |
| Operating mode | Battery |

## Photometrical data

| | |
|---|---|
| Luminous flux | 400 lm |
| Total luminous flux of contained light sources | 600 lm |
| Luminous efficacy | 67 lm/W |
| Color temperature | 3000 K |
| Light color (designation) | Warm White |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | 6 sdcm |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG0 |

## Dimensions & Weight

| | |
|---|---|
| Length | 200.00 mm |
| Width | 160.00 mm |
| Height | 70.00 mm |
| Product weight | 400.00 g |




ENDURA STYLE SOL WALL CIRCLE 6W BK

## Materials & Colors

| | |
|---|---|
| Product color | Black |
| Housing color | Black |


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| | |
|---|---|
| Body material | Polycarbonate (PC)\|Acrylonitrile butadiene styrene (ABS) |
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

## Application & Mounting

| | |
|---|---|
| Ambient temperature range | -20…+40 °C |
| Temperature range at storage | -20…+70 °C |
| Type of protection | IP44 |
| Protection class IK (shock resistance) | IK03 |
| Dimmable | Yes |
| 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 | 90 ° |
| Sensor controlled switching time | 15 s |
| Detection range of motion sensor | 6 m |
| Detection threshold of daylight sensor | 0…100 lx |

## BATTERY

| | |
|---|---|
| Type of Battery | Lithium ion |
| Battery size [GMS] | 18650 |
| Number of included batteries | 1 |
| Nominal voltage of battery | 3.7 V |
| Nominal capacity of battery | 2200 mAh |
| Battery charging time | 8 h |


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## Emergency lighting

| | |
|---|---|
| Type of emergency light operation | Non-maintained |
| Luminous flux in maintained operation mode | - |
| Luminous flux in emergency operation mode | - |

## Certificates & Standards

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

## EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories 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: +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 |
|---|---|---|
| PDF | User instruction / safety instructions | ENDURA STYLE SOLAR WALL SENSOR SINGLE CIRCLE |
| PDF | Declarations of conformity | ENDURA STYLE SOL |
| PDF | Declarations of conformity UKCA | Fixed LUM |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075392762 | Folding box<br>1 | 172 mm x 82 mm x 213 mm | 495.00 g | 3.00 $dm^3$ |
| 4058075392779 | Shipping box<br>4 | 352 mm x 190 mm x 242 mm | 2373.00 g | 16.18 $dm^3$ |

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.


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