

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

ENDURA® STYLE SOLAR DOUBLE CIRCLE | Solar-powered lantern luminaires with motion and light sensor, two circles



## Areas of application

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

## Product benefits

- Demand based lighting and energy saving thanks to motion and daylight sensor
- Easy adjustment of daylight and motion detection via push switch
- Energy-efficient thanks to LED technology
- 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)



Circle 6W Black

- 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

# 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
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	185.00 mm
Width	178.00 mm
Height	220.00 mm
Product weight	680.00 g



# Materials & Colors

	Product color	Black
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Housing color	Black
Body material	Stainless steel
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
Application environment	Outdoor
With light source	Yes
Replaceable light source	No

# Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Number of switching cycles	12500

<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	Light / Motion
Sensor technology	Passive infrared (PIR)
Sensor detection angle	90 °

# **BATTERY**

Type of Battery	Lithium ion
Battery size [GMS]	18650
Nominal voltage of battery	3.7 V
Battery charging time	8 h

## Certificates & Standards

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

## **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		
User instruction / safety instructions ENDURA STYLE SOLAR WALL2CIRCLE		ENDURA STYLE SOLAR WALL2CIRCLE	
PDF	Legal information	Safety insert G11219579	
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
4099854455506	Folding box 1	187 mm x 187 mm x 233 mm	871.00 g	8.15 dm <sup>3</sup>
4099854455513	Shipping box	396 mm x 394 mm x 262 mm	4365.00 g	40.88 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.

# **DISCLAIMER**

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