PRODUCT DATASHEET
ENDURA Style Solar 40cm Post Sensor Double Circle 6W Stainless Steel

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)

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- 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

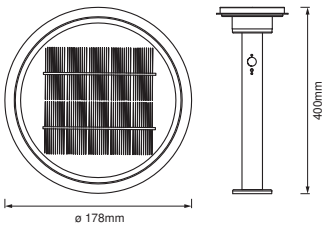
Nominal wattage	6.00 W
Nominal voltage	3,2 V
Mains frequency	0 Hz
Nominal current	1700.000 mA
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	400 lm
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

Diameter	178.00 mm
Height	400.00 mm
Product weight	720.00 g



ENDURA STYLE SOL 2CIRCLE 40CM 6W

Materials & Colors

Product color	Steel

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Housing color	Steel
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
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

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Battery charging time	8 h

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
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
PDF	User instruction / safety instructions	ENDURA STYLE SOLAR 40CM POST SENSOR DOUBLE 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
4058075392700	Folding box 1	187 mm x 187 mm x 418 mm	969.00 g	14.62 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075392717	Shipping box 4	396 mm x 394 mm x 447 mm	5019.00 g	69.74 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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