

PRODUCT DATASHEET

ENDURA Style Solar Bouquet 50cm Post Sensor 6W Stainless Steel

ENDURA STYLE SOLAR BOUQUET | Solar-powered wall and bollard with motion and light sensor



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 continuous on with 200 lumen (Max. 2.5 hours at full charge)
- Operating mode 2: light continuous 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 550 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 V
Mains frequency	50...60 Hz
Nominal current	1.700 mA
Max. number of luminaires per miniature circuit breaker C16	N/A
Protection class	III
Operating mode	Battery

Photometrical data

Luminous flux	550 lm
Luminous efficacy	92 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcn
Flickering metric (Pst LM)	≤1 %
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0

Dimensions & Weight

Length	155.00 mm
Width	150.00 mm
Height	500.00 mm
Product weight	1250.00 g

Materials & Colors

Product color	Stainless steel
Housing color	Steel

Body material	Aluminum
Cover material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C
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	No
Mounting type	Surface
Mounting location	Ground
Application environment	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	25000 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	50...100 lx
Sensor IP rating	IP44

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	ICR18650
Number of included batteries	1
Nominal voltage of battery	3.7 V
Nominal capacity of battery	2200 mAh

Battery charging time	>12 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	EMC / Acc. to EN 60598 / Acc. to IEC 62471 / CE / EAC / UKCA
Luminaire with limited surface temperature, "D sign"	No




Additional product data

Number of illuminants	1
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EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075564527	Folding box 1	162 mm x 162 mm x 512 mm	1470.00 g	13.44 dm ³
4058075564534	Shipping box 4	340 mm x 340 mm x 540 mm	6536.00 g	62.42 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.