EXTOL LIGHT 43130 Solar Motion Sensor Light User Manual

43130
43270
Solar Motion Sensor Light

Contents

43130 Solar Motion Sensor Light

Translation of the original user‘s manual

EXTOL® LIGHT 43270 SOLAR-POWERED LAMP

Extol® Light 43270 Solar-powered lamp with motion sensor is intended for use in locations without an available power grid. The solar panel that charges the batteries inside the lamp is separated from the lamp and can advantageously be mounted in a sunny location or where there is the most light for charging and then locate the lamp where required. The solar panel and the light source are seated on an adjustable joint for optimal orientation.

TECHNICAL SPECIFICATIONS OF THE EXTOL® LIGHT 43270 SOLARPOWERED LAMP

Solar panel output:	5 V DC; 0.4 W
Solar panel protection:	IP43
Light protection:	IPX4 (rain-resistant)
Battery of the light source:	Li-ion; 3.7 V DC; 500 mAh
Length of power cord connecting the solar paneland the lamp: 1.8 m	
Light source:	16 LED diodes
Luminous flux:	100 lm
LED lifetime:	min. 25,000 hours
Colour temperature:	approx. 6500 K (white)
Max. distance for activation of the m otion sensor	approx. 5 m
Ambient light intensity for activation of the motion sensor:	approx. 15 lux (twilight)
Total lighting time with fully charged battery:	approx. 1.5 hours
Lighting time after activation of the motion sensor:	40 s
Operational temperature range:	+60°C to -10°C
Weight and dimensions of the solar part:	180 g, 17.5 × 83.5 cm
Weight and dimensions of the lamp:	140 g, 139.3 × 86.8 mm

INSTALLATION OF THE SOLAR PANEL AND LAMP

- Mount the solar panel in a location where there is the lightest and where there is sunlight so that the solar panel is able to sufficiently charge the lamp‘s built-in battery.
- Protect the solar panel against direct climatic precipitation, e.g. locate it under a short eave.
- Do not install the light source (the whole assembly) in an environment that is flammable or has an explosive atmosphere.
- Do not install the light source (the whole assembly) in the near vicinity of the device that transmits radio signals as this could result in interference with the transmitted signal.
- Install the lamp at a height of 1 to 3 meters above the ground.
- Attach the lamp and the solar panel using screws.
- The lighting time after activation of the sensor cannot be changed.
- After attaching the solar panel and the lamp, connect them using the connecting cable. Secure any excess length of the connecting cable so that it does not hang loosely.
- For the lamp to work, set the power switch on the back of the lamp to the „ON“ position.

- For optimal orientation, adjust the position of the solar panel and the lamp using the adjustable joint.
- Do not use any source of electricity to power the lamp other than the original solar panel, as this could create a fire hazard or explosion of the battery as a result of inappropriate charging parameters.
- Protect the assembly against impacts and falls. If the lamp were to fall, this could damage the built-in Li-ion battery and cause the electrolyte to leak out. In the event that it does comes into contact with skin, thoroughly wash the affected area with water and soap. If problems occur, seek medical attention.
- In the event that the lamp or solar panel is damaged, do not use them, instead, replace them with a functioning original piece from the manufacturer.

 **EXTOL® LIGHT 43130 SOLAR-POWERED LAMP**

small Extol® Light 43130 Solar powered lamp with motion sensor is intended for use in locations without an available power grid. The lamp is compact and intended for wall-mounted installation. The lamp has two operating modes. 100% power and 10% power (economical mode).

TECHNICAL SPECIFICATIONS OF THE EXTOL® LIGHT 43130 SOLARPOWERED LAMP

Solar panel output:	5.5 V DC; 0.4 W
Light protection:	IPX4 (rain-resistant)
Battery of the light source:	Li-ion; 3.7 V DC; 1200 mAh
Light source:	16 LED diodes
Luminous flux:	120 lm
LED lifetime:	min. 25,000 hours
Colour temperature:	approx. 6500 K (white)
Max. distance for activation of the m otion sensor	5 m
Ambient light intensity for activation of the motion sensor: approx. 15 lux (twilight)	
perating lighting modes:	100% and 10% (economical)
Total lighting time with fully charged battery:	approx. 8 hours
30-40 s (this is followed by the economical mode) Lighting time after activation of the motion sensor at 100% power:	
Operational temperature range	+60°C to -10°C
Dimensions of the lamp:	12.2 × 9.5 × 4.8 cm
Weight of the lamp:	144 g

INSTALLATION OF THE SOLAR PANEL AND LAMP

- Attach the solar lamp in a location where there is plenty of light and where the sunshine so that the lamp‘s solar panel can recharge the lamp‘s built-in battery but at the same time a place where the lamp will be protected against direct climatic precipitation, e.g. located under a short eave.
- Do not install the lamp in an environment that is flammable or has an explosive atmosphere.
- Do not install the lamp in the near vicinity of the device that transmits radio signals as this could result in interference with the transmitted signal.
- Install the lamp at a height of 1 to 3 metres above the ground.
- Attach the lamp to the mounting surface using screws. y For the lamp to work, set the power switch on the underside of the lamp to the „ON“ position.
- The lighting time after activation of the sensor cannot be changed.

- If the motion sensor does not detect intensive motion, then after 30-40 seconds at 100% power, the lamp will remain lit in the economical mode at 10% power (will not turn off), and will turn off with daylight.
- Protect the lamp against impacts and falls. If the lamp were to fall, this could damage the built-in Li-ion battery and cause the electrolyte to leak out. In the event that it does comes into contact with skin, thoroughly wash the affected area with water and soap. If problems occur, seek medical attention.
- In the event that the lamp is damaged, do not use it, instead, replace it with a functioning original piece from the manufacturer.

MEANING OF MARKING

	Protection class III.
	Meets respective EU requirements.
	Electrical waste, see below.

WASTE DISPOSAL
PACKAGING MATERIALS

- Throw packaging materials into a container for the respective sorted waste.

ELECTRICAL EQUIPMENT

- Do not dispose of unserviceable commodities in household waste, but dispose of them in an environmentally safe manner. According to Directive (EU) 2012/19, electrical appliances must not be thrown out with household waste but rather handed over for ecological disposal at an electrical equipment collection point. The battery must be removed from the electrical equipment prior to its disposal. You can find information about electrical equipment collection points and collection conditions at your local town council office.

BATTERY

- The built-in battery in the electrical equipment must be taken out of the electrical equipment prior to disposal and must not be, pursuant to Directive 2006/66 ES, thrown out with communal waste or into the environment, but rather must be handed over for ecological disposal/recycling at a battery collection point. You can find information about these collection points at your local town council office.

EU Declaration of
Conformity

Subject of declaration – model,
product identification:
Extol® Light 43270;
Extol® Light 43130;
Solar-powered LED lamp
Manufacturer Madal Bal a.s. • Bartošova 40/3, CZ-760 01 Zlín • Company ID No.: 49433717
hereby declares
that the described product listed above is in conformity with relevant harmonisationlegal regulations of the European Union: (EU) 2011/65; (EU) 2014/30; EU) 1194/2012
This declaration is issued under the exclusive responsibility of the manufacturer.
Harmonisation norms (including their amendments, if any exist), which were used in the assessment of conformity and on the basis of which the Declaration of conformity is issued: EN 55015:2013; EN 61547:2009; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 50581:2012 Place and date of issue of EU Declaration of Conformity: Zlín 18.3.2019 On behalf of Madal Bal, a.s.

Martin Šenkýř, Member of the Board of Directors

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Documents / Resources

	EXTOL LIGHT 43130 Solar Motion Sensor Light [pdf] User Manual 43130, Solar Motion Sensor Light, 43130 Solar Motion Sensor Light, Motion Sensor Light, Sensor Light

References

- | Extol.cz
- Extol
- | Extol.hu
- EXTOL - náradie pre remeselníkov, domácich majstrov aj profesionálov