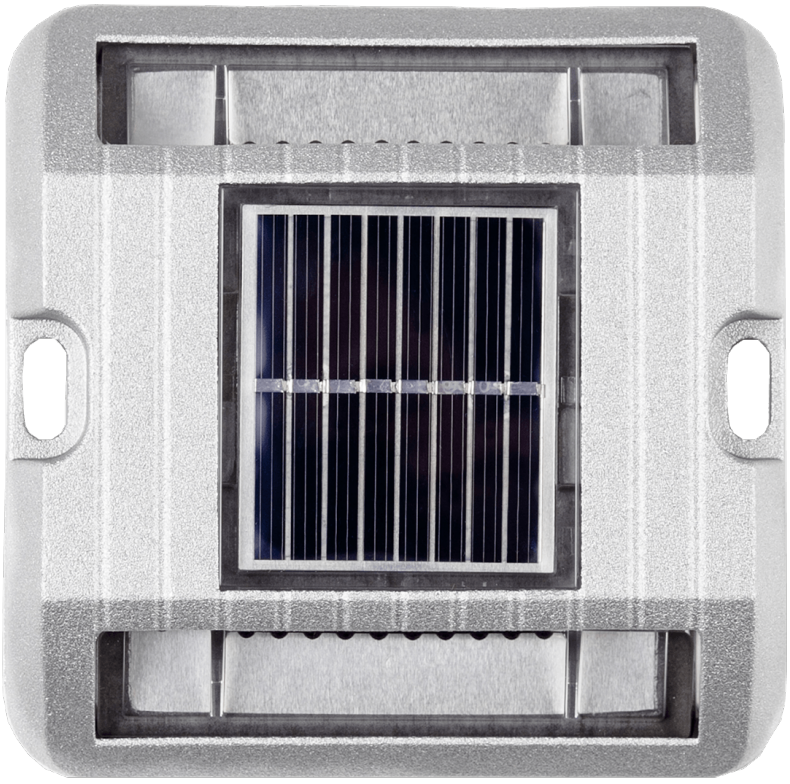
ECO-118

SOLAR - Surface solar beacons



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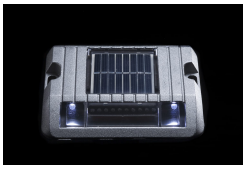
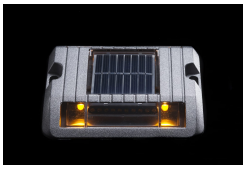
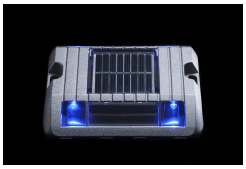
Presentation







Surface solar beacon

Fully self-contained luminous beaconing solution. Used to mark the edges of roundabouts, traffic islands, obstacles, pavements. Very simple and quick to install by glueing and screwing on to the support.

Applications

Roundabouts, Chicanes / Build-outs, Roads / Expressways

Resistance

2T

Standards

IK10 IP68

20 Joules

LED Colors

Red Amber 6500K Green Blue

Beaconing

2 LED, 4 LED, Blinking, Grazing

Recycling

ecosystem screlec

Certifications

RoHS COMPLIANT 2002/95/EC CE CAPTRONIC

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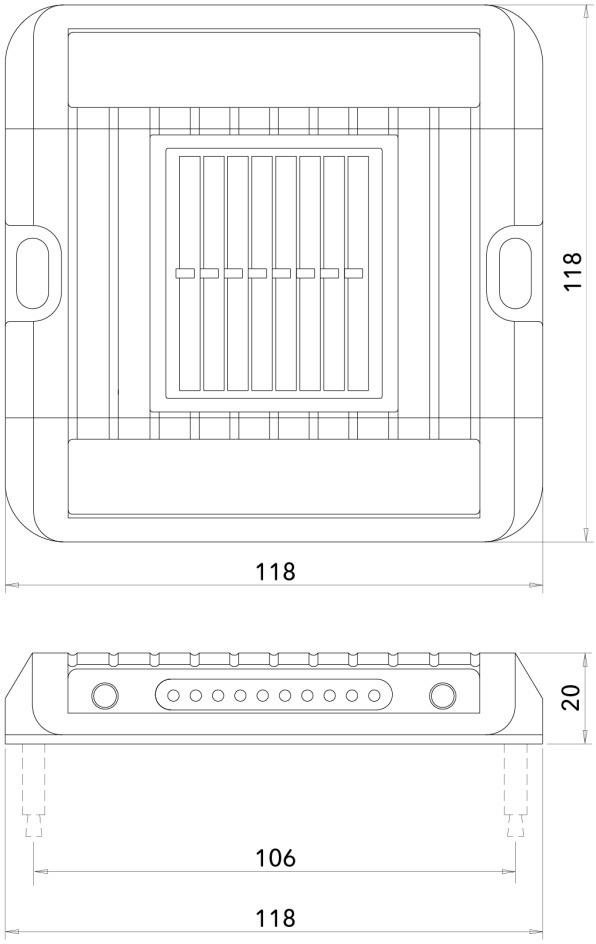
Characteristics



Unité : mm - Tolérance +/- 0.5mm. © Eco-Innov - Tous droits réservés.

TECHNICAL CHARACTERISTICS

Dimensions and weight
118 mm x 118 mm x 20 mm.
Height above roadway: 20 mm.
Weight: approximately 500 g.

Materials
Polycarbonate / Aluminium / Reflector equipped with glass beads.
Recycling managed by ECOSYSTEM.

Energy storage
Ni-MH accumulator.

Working temperature range
-30°C to +85°C

Protection indices
IP 68 (watertightness).
IK 10 (impact resistance).
Not suitable for roadway use.

LIGHTING CHARACTERISTICS

Unidirectional 2 or 4 LEDs, or bidirectional 2×2 LEDs.
Blinking 4Hz (4 flashes per second) ±10%.
LED Colours: white, blue, green, red, amber.
Bidirectional central reflector (passive retro-reflective system), ensuring greater visibility for users).

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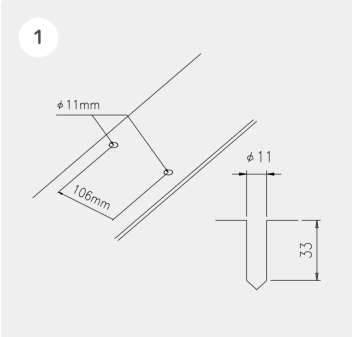
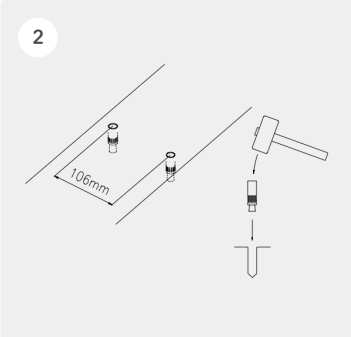
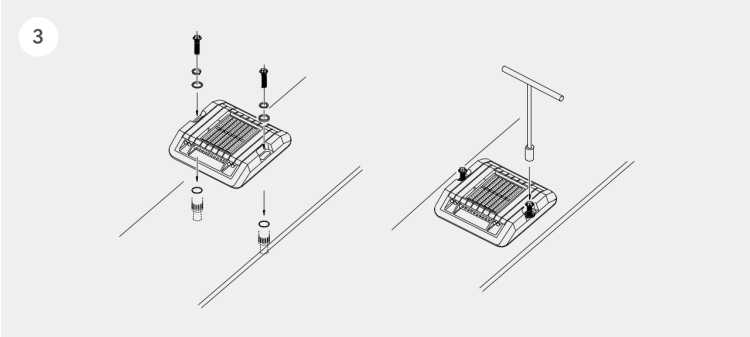
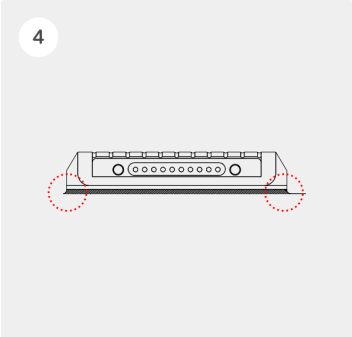
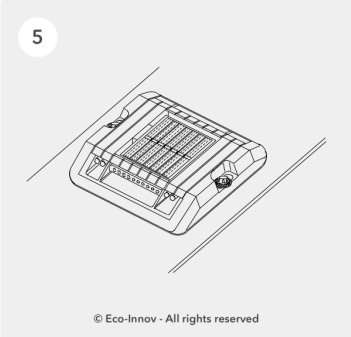
Installation











1 – After deciding where the stud and screws are to be installed, drill the support (Ø 11 mm, depth 33 mm), making sure to leave a distance of 106 mm between the centres of the 2 screws.

2 – Carefully brush and clean the holes, support and lower part of the stud with a degreasing agent (Sika Aktivator 205 or equivalent) to remove all traces of dust and moisture. Then hammer the lower part of the attachment screws into the holes.

3 – Remove the magnet under the stud and check that the LEDs are working properly by completely masking the solar module (to simulate night-time conditions). Apply about 3 mm of two-component epoxy adhesive (Sikadur 30 or equivalent) to the entire lower surface of the stud. Position the stud on the support, making sure the LEDs are facing the right way. Screw the upper part of the screws into their base using the wrench supplied.

4 – Leave the adhesive to set (see the manufacturer's instructions for the necessary time). The entire lower surface of the stud must be coated with 3 mm of adhesive. Clean any residues adhering around the stud.

5 – The stud isnow installed correctly.

Remark: make sure to keep the module and LEDs clean and protect them throughout these operations.

Failure to comply with these instructions may lead to the guarantee being suspended.

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Lifespan and warranty

2 year warranty.*
Average lifespan more than 5 years.

* The warranty applies in the event of complete failure of the self-contained lighting system during normal usage. It covers replacement of the faulty article with an identical model delivered free of charge to destinations in metropolitan France, after the faulty article has been returned and analysed. Removal of the faulty article, installation of the new one and any mechanical damage are not covered by the warranty.

Recycling

ECO-INNOV is a founder member of a network that recycles professional WEEE, managed by the eco-organisation ECOSYSTEM. We pay for our customers' electronic safety, lighting and regulation equipment to be collected at the end of its working life in order to meet our legal obligations and help them to meet theirs.

The unique identifier FR006801_05MBCK attesting to registration in the register of producers in the EEE sector, pursuant to article L.541-10-13 of the Environmental Code, has been assigned by ADEME to the company ECO-INNOV (SIRET 451 859 409 00026). This identifier certifies its conformity with regard to its obligation to registration in the register of producers of Electrical and Electronic Equipment and the realisation of its declarations of placing on the market with Ecosystem.

ECO-INNOV is thus one of the first producers to offer its customers a simple and free solution for collecting their professional WEEE, regardless of when it was marketed. The equipment is collected via a network of professional waste collection centres and certain wholesalers.

www.ecosystem.eco

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Narrow carriageway. Security LED beaconing on the edges of the road in the City of Seyssins. ECO-118 solar studs with 2 blinking amber LED. Photography : Jérôme Deduytsche

Traffic island. Safety beaconing on a non-traversable traffic island. ECO-118 above-ground solar beacons (unidirectional, 2 blinking white LED).

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