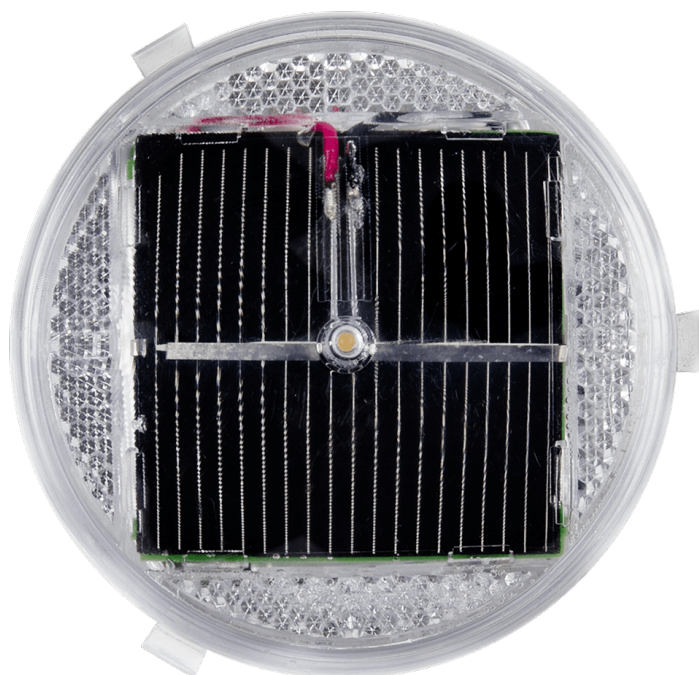
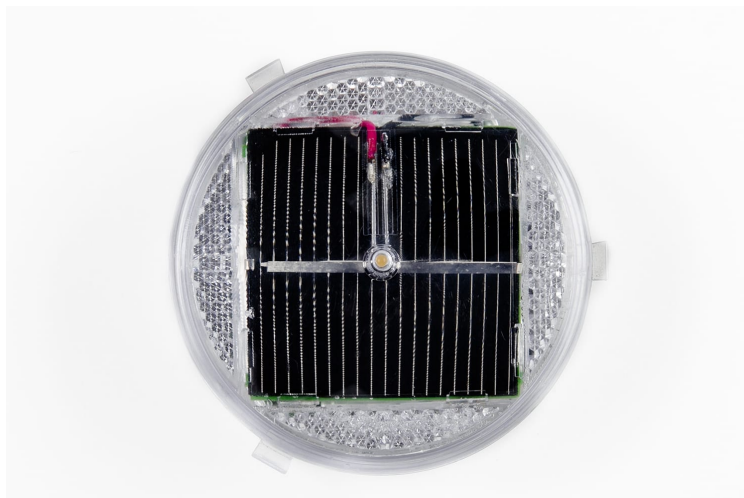


ECO-84

SOLAR - Embedded solar studs





Embedded solar stud

Fully self-contained luminous beaconing solution, for decorative uses. Shallow embedding: compatible with all types of edges. Vertical beaconing with integrated lens and 4 prismatic reflectors: 1 LED (Angle 7.5° / Power 18 Cd).

Applications

Parks / Public squares, Pontoons / Footbridges, Eco-districts, Footpaths

Resistance



Standards



20 Joules

LED Colors



Beaconing

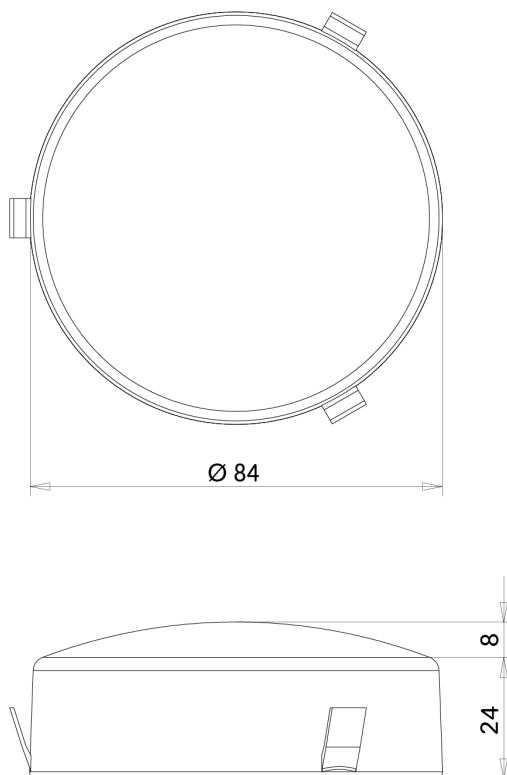
1 LED, 360°, Constant, Blinking, Vertical

Recycling



Certifications





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

TECHNICAL CHARACTERISTICS

Dimensions and weight

Upper diameter: 84 mm.

Height: 25 mm (not including 8 mm central lens).

Weight: approx. 150 g.

Materials

Polycarbonate.

Recycling managed by ECOSYSTEM.

Energy storage

Rechargeable high-capacity Lithium-Polymer battery.

Working temperature range

-20°C to +80°C.

Protection indices

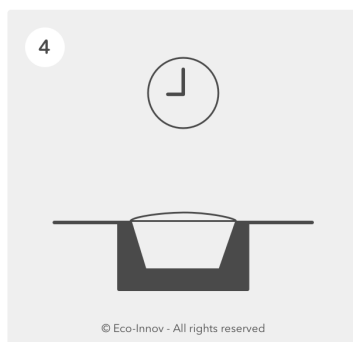
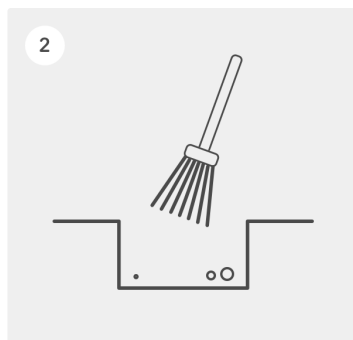
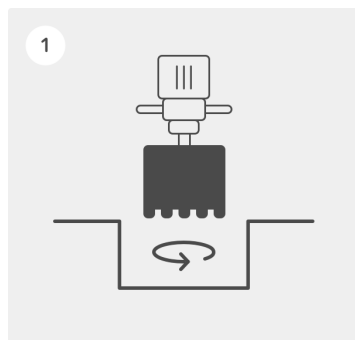
IP 68 (watertightness).

Not suitable for beaconing on heavily used roads.

LIGHTING CHARACTERISTICS

Vertical beaconing, constant or blinking, with integrated lens and 4 prismatic reflectors.

LED colours: cool white, warm white, blue, green, red or amber.



1 - After deciding where the studs are to be installed, drill a hole with a minimum diameter of 92 mm and 28 mm deep.

2 - Carefully brush and clean the hole to remove any dust and traces of damp that would affect the efficiency of the adhesive.

3 - Apply a fine coat of Sikaprimaire 209 N over the entire lower surface and on the sides of the base of the solar stud (which will be in contact with the adhesive). Leave it to dry for about 10 min (at a temperature of more than 15°C). Pour the bonding adhesive into the hole to about 2/3 of its height. N.B. Do not use cement or any other alkaline mortar, but silicone- or polymer-based adhesives that are sufficiently elastic to withstand expansion and vibrations, for example. We recommend Sikaflex 521 UV.5

4 - Press the ECO-84 into the adhesive by hand, using the support brackets. Make sure the LEDs are facing the right way. Immediately clean all residual adhesive with a clean, dry cloth. Leave the adhesive to set (see the manufacturer's instructions). You can then break the support brackets that were used to position the solar stud on the ground.

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.

Lifespan and warranty

Average lifespan 5 years.

2 years warranty.*

* 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 France, after the faulty article has been returned and analysed. On-site intervention fees are not included. Mechanical damage are not covered by the warranty.

For optimal operation, we recommended to install our solar equipment on sites with good light exposure.

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



Rodin Museum. City of Paris. Firefly Stones exhibition by Erik Samakh in the garden of the museum. ECO-84 embedded solar stud with special firefly lighting program developed for the artist. Photography : Marc Damage.



Urban square. Artistic creation and architectural paving with the ECO-STONE 99 low-voltage stud, and the ECO-84 embedded solar stud. Lighting design : Cobalt, Photography : Gilles Di Nallo.