ECO-128

SOLAR - Embedded solar studs

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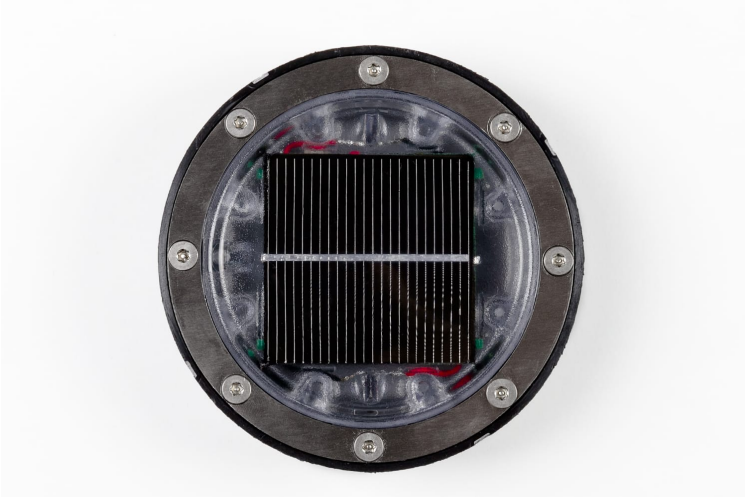
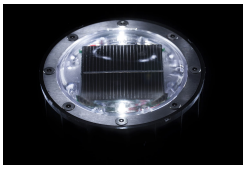
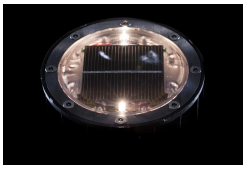
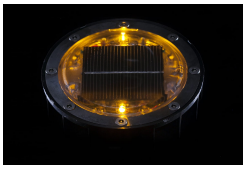
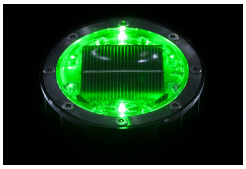
Presentation

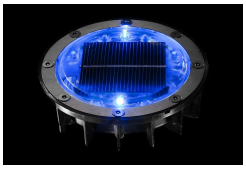












Road embedded solar stud

Fully self-contained luminous beaconing solution, suitable for pedestrian areas on account of its very low height. Beaconing of cycle paths, ramps for disabled people, footbridges, etc. Easy maintenance of electrical unit.

Applications

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

Resistance

Standards

IK10 IP68

20 Joules

LED Colors

Red Amber 2700K 4000K Green Blue

Beaconing

1 LED, 2 LED, Constant, Blinking, Grazing

Recycling

Certifications

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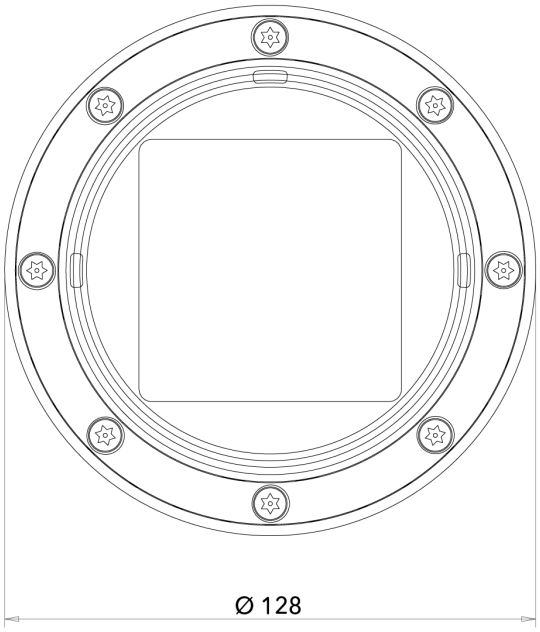
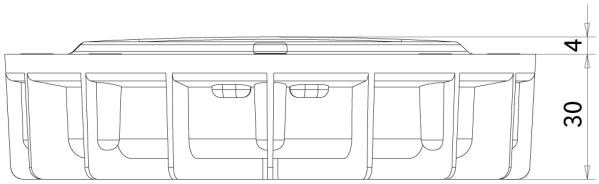
Characteristics





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

TECHNICAL CHARACTERISTICS

Dimensions and weight
Upper diameter: 128 mm.
Total height: 32 mm.
Height above roadway: 4 mm.
Weight: 330 g.
Removable fins for easier installation.

Materials
Polycarbonate, Monocrystalline silicon.
Recycling managed by ECOSYSTEM.

Energy storage
Rechargeable, high-capacity Lithium-Polymer battery.

Working temperature range
-20°C to +60°C.

Protection indices
IP 68 (watertightness).
IK 10 (impact resistance).

LIGHTING CHARACTERISTICS

Unidirectional or bidirectional beaconing, constant or blinking, 1 LED per side (Ø 5 mm).
Available LED colours: blue, cool white, warm white, green, red or amber.
Possibility of combining the LED colours on a single stud.

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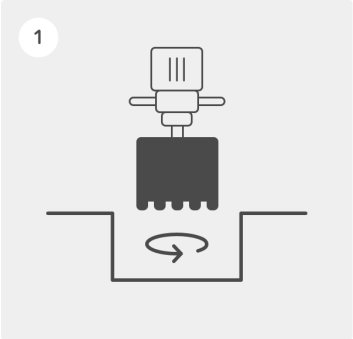
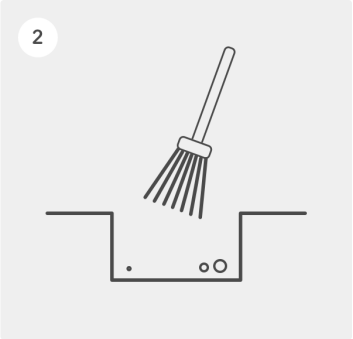
Installation





1 – After deciding where the studs are to be installed, drill a hole with a minimum diameter of 138 mm and 35 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.

4 – Press the ECO-128E 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.

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Lifespan and warranty

Average lifespan 3 years.
1-year warranty*

Maintenance via the cover.

* 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

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Seaside promenade. Guidance of pedestrians on submersible wooden decking (Mediterranean coast). ECO-128 embedded solar studs (directional beaconing, 1 constant blue LED per side).

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