

ECO-SOL 50

SOLAR - Surface solar beacons





Solar rush in stainless steel for landscape lighting

Solar-powered rush lights can be used to decorate parks, gardens and forecourts with multicoloured bouquets. Numerous lighting effects are available to liven up or embellish any site.

ECO-SOL50 solar rush bouquets are 100% self-sufficient and made from stainless steel. Photovoltaic cells store solar energy in capacitors during the day. When night falls, the lighting programme is triggered automatically.

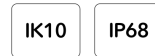
Applications

Parks / Public squares

Resistance



Standards



20 Joules

LED Colors



Red Amber 3000K 6500K Green Blue

Beaconing

1 LED, 360°, Constant, Blinking, Vertical, Breathing, Candle, Glowing

Customization

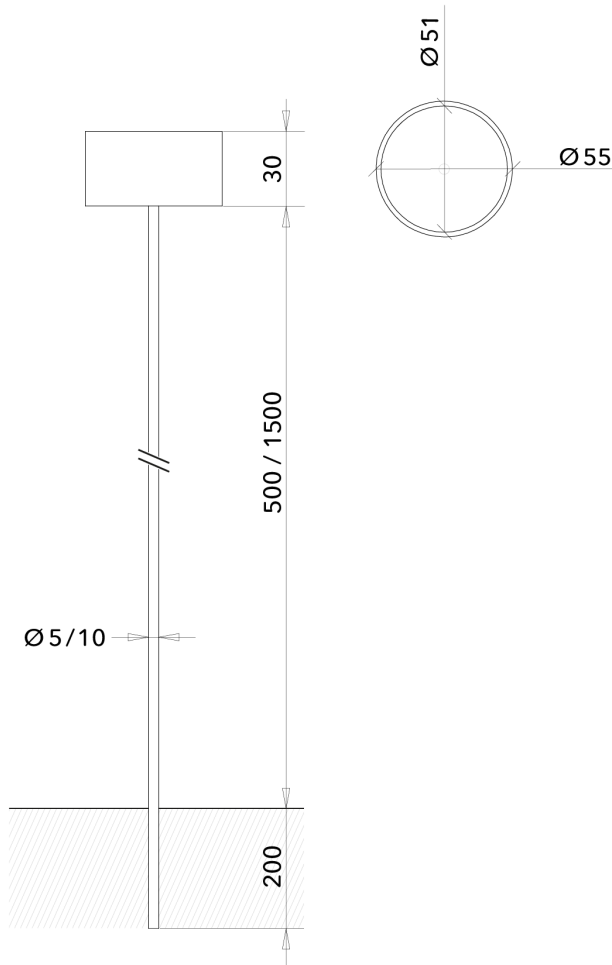
Powder coated cap (RAL available), Raw stainless steel, Raw stainless steel

Recycling



Certifications





Unit: mm - Tolerance +/- 0.5mm. Eco-Innov - All rights reserved.

TECHNICAL SPECIFICATIONS

Description

50 mm diameter solar panel embedded in the head of each rush. You can compose bunches of different heights for optimum effect and bend the rods slightly by hand for an aesthetic effect.

Dimensions

Reed heights from 50 cm to 150 cm above ground. Rods diameters of 5 or 10 mm.

Solar module

Monocrystalline photovoltaic cells.

Materials

Stainless steel / UV-resistant polycarbonate.
Recycling handled by ECOSYSTEM.

Maintenance

Easy maintenance thanks to the stainless steel collar. Solar studs can be replaced at the end of their life by a new model without having to unseal the stem.

Energy storage

Condenser.

Working temperature range

-40°C to +70°C.

Protection indices

IP 68 (watertightness).

Applications

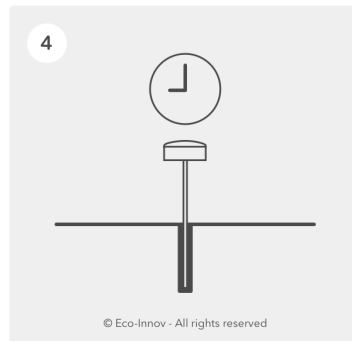
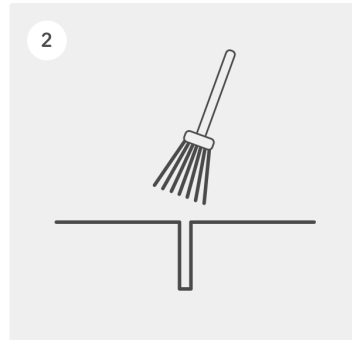
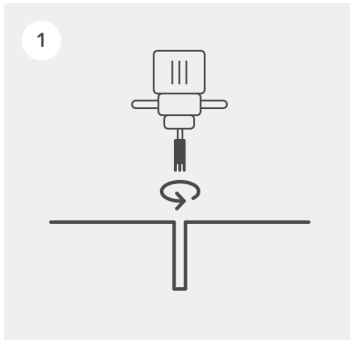
Parks, gardens, forecourts, ponds on open sites (little shade during the day).

LIGHTING CHARACTERISTICS

Vertical beaconing 1 central LED.

Lighting mode: glow / breathe / candle / fixed (to be defined when ordering).

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



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1 - After deciding where the solar studs are to be installed, drill a hole with a maximum diameter of 15-20 mm and a minimum depth of 60 mm.

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

3 - Pour the appropriate bonding adhesive into the hole (approximately 2/3 of the way down).

> We recommend a two-component epoxy adhesive such as Sikadur 30 for installation on asphalt, concrete or stone.

4 - Insert the solar stud into the epoxy adhesive. Clean off any adhesive residue with a sponge and leave to dry for several hours, depending on the ambient temperature (refer to the adhesive instructions).

Note: throughout these operations, make sure you keep the polycarbonate screen protecting the solar panel clean or protected.

Our solar studs are charged by daylight. To ensure that they work properly, we recommend that you install them on suitable sites (without shadows on the photovoltaic collectors during the day).

Failure to comply with these instructions may result in suspension of the warranty.

Lifespan and warranty

Average lifespan 10 years

2-year guarantee*

The solar stud can be replaced at the end of its life by a new model without having to unseal the rush.

* The Warranty applies in the event of permanent cessation of the autonomous lighting system under normal use and installation in accordance with our recommendations. It consists of replacing the faulty component with an identical or equivalent item, subject to the component being returned to ECO-INNOV for analysis. On-site intervention costs are not included. Mechanical damage is not covered.

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