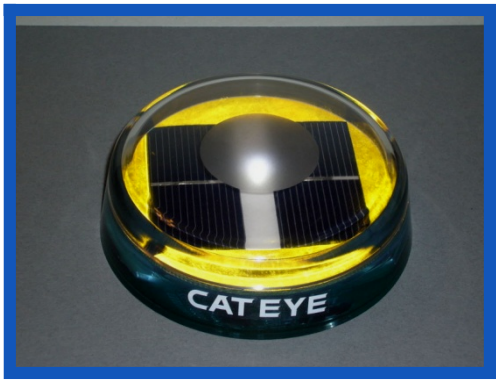
CAT WAY France

EXCLUSIVE IMPORTER FOR EUROPE **CATEYE** *ROAD* Japan

ECOSOL TD-LE-05 SOLAR MARKERS

TECHNICAL SHEET

Solar stud, for marking or lighting. ECOSOL can be used for both safety applications and environment embellishment.
The ECOSOL emits a continuous light. It is also highly reflective thanks to the reflective tape surrounding its solar panel. The resin-filled polycarbonate casing is resistant to traffic, and makes it proper for most outdoor installations.



ECOLOGICAL ECONOMICAL MAINTENANCE-FREE

Examples of use :
- **Pedestrian areas**
- **Cycle paths**
- **Roundabout borders**
- **Wooden docks**
- **Public gardens**
- **Stairways**
- **Bus stops**
- **Fountains**
- **Bridges**

ECOSOL luminous stud is equipped with 1 ultra-high brightness LED (NICHIA Japan). Its unique shape allows three types of installation methods : Surface-glued, Flush-mounted after core-drill, or half-buried 15mm above ground level. Being wider at the bottom, it cannot be removed once it is fixed in the ground and will secure your installations for several years. Installation : stick it with Epoxy bond

SIKADUR 31: Glue epoxy thixotrope / 2 corposants without solvent / http://www.sika.fr

GENERAL	
Weight	260g
Diameter	95 - 110mm
Total height	35mm
Stud Material	Resin filled Polycarbonate
Reflective material	Synthetic Reflective sheet
Weight resistance	> 10 tons
Number / type of LED	1 NICHIA 18000 mcd (white)
Avg. LED lifespan	100.000 hours (10 years theorical)

SOLAR CELL	
Material	Monocrystaline
Electrical characteristics	3.5V / 1116mA
ACCUMULATOR	
Type	Lithium-Polymer
Quantity	1
Capacity	1650 mAh
Avg. Lifespan	5 years
CHARACTERISTICS	
Guaranteed Autonomy	+/-18 hours in winter
Optimal temperature	-20°C ~ 70°C
Peak current	20 mA

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