

# SR-1

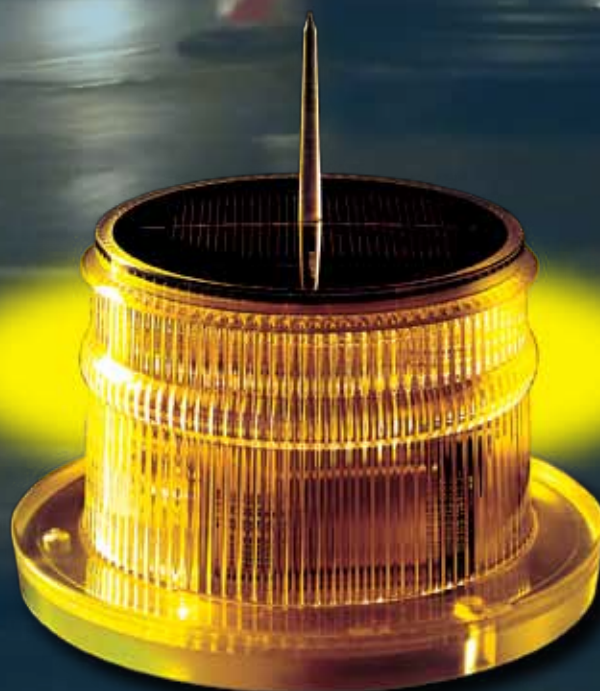
## **FLASHING LIGHT for marking road repairs (for temporary traffic organization) solar powered LED**

*THE LANTERN IS EXCEPTIONALLY COMPACT. IT CAN BE INSTALLED WITHIN MINUTES WITHOUT ANY ADDITIONAL EQUIPMENT AND EXTERNAL POWER SUPPLY.*

*THE CORPUS IS RESISTANT TO DIFFERENT ATMOSPHERIC INFLUENCES AND IT IS FULLY HERMETIC. IT HAS A SPIKE NOT ALLOWING THE LANDING OF BIRDS.*

*SR-1 CAN OPERATE IN DIFFERENT PRELIMINARY SPECIFIED FLASHING MODES AND OPERATING MODES CAN BE SET UP BY A REMOTE CONTROL.*

*A SPECIALIZED MAINTENANCE IS NOT REQUIRED.*



# SR-1

## MAIN CHARACTERISTICS

### **For the device**

Luminous modes	flashing
Autonomous operation	300 hrs
Necessary number of solar hours for minimal autonomous operation	1.5 hrs
Latitude	55° S to 55° N
Luminous level	on 70 Lux off 100 Lux
Approx life time	from 5 to 10 years (1800 cycles day/night)
Operating mode	no maintenance, autonomous
Operating temperature	- 40° C to 80° C
IP degree / watertight/	IP 67 /NEMA 6/
Control mode	Intelligent controller
Overall dimensions	H = 166 mm / Ø = 178 mm
Weight	1.18 kg

### **For the lamp**

Emitted light colours	amber (yellow)
Luminous Intensity for the relevant colour in candels	~1,0
Vertical divergencence	~15°
Horizontal divergencence	360°
Flashing modes	4 — 60, 90, 120 or 180 f/min
Approx life time	100 000 hours

### **For the solar panel**

Type	monocrystalline type
Maximal power	0.8 Wp

### **For the battery**

Type	accumulator, hermetic, no maintenance, lead acid
Nominal Voltage	4V
Capacity	2.5 Ah

### **For the mechanical construction**

Type of optical material	polycarbonate
Battery ventilation	by a special valve at the bottom of the lamp
Hermetic/Air proof	polyurethanes grouting

## COMPOSITION OF THE EQUIPMENT

- The following components are included in the construction:
  - LED light source;
  - photovoltaic solar panel;
  - controller;
  - battery;
  - valve for battery ventilation.
- Options:
  - Remote control by infrared programmer
  - Security bolts.

## FUNCTIONS OF THE BUILT IN CONTROLLER

- Lamp's switch on/off regarding the luminance
- Setting the luminous intensity mode
- Setting the flash mode
- Administration by remote control
- Optimum charging/discharging batteries control.

### **Notes:**

- All luminous flashing specifications are based on 100% intensity with 12.5% duty cycle.
- Constant operating temperatures over 25°C can influence upon battery lifetime.