

# SALO

## **AUTONOMOUS SOLAR POWERED LOW INTENSITY AVIATION OBSTACLE LIGHT type "A" according to ICAO requirements – Anex 14 and FAA requirements – AC 150/5345-43E**

SALO IS A LED SOURCE OF LIGHT, DESIGNED FOR MARKING AVIATION OBSTACLES OPERATING IN BLINKING MODE.

SALO IS EXCEPTIONALLY COMPACT WITH A SPECIAL CONSTRUCTION FOR MORE EFFICIENT UTILIZATION OF THE SUN LIGHT AT LATITUDES UNDER 30°. THE CORPUS IS RESISTANT TO DIFFERENT ATMOSPHERIC INFLUENCES AND IT IS HERMETIC.

IT CAN BE INSTALLED WITHIN MINUTES WITHOUT ANY ADDITIONAL EQUIPMENT AND EXTERNAL POWER SUPPLY.

A SPECIALIZED MAINTENANCE IS NOT REQUIRED.



# SALO

## MAIN CHARACTERISTICS

- Autonomy 150 h (12 nights)

### **For the device**

Latitude	30° S to 30° N
Luminous level	turn on 70 Lux turn off 100 Lux
Operating mode	no maintenance, autonomous
Operating temperature	- 40° C to 80° C
IP degree / watertight/	IP 65
Control mode	Intelligent controller
Overall dimensions	H = 208 mm / Ø = 162 mm
Weight	1.2 kg

### **For the lamp**

Luminous peak intensity	type A > 10 cd
Flashing modes	60 blinks per minute
Emitted light colours	red

### **For the solar panel**

Type	monocrystalline type
Maximal power	0.7 Wp
Effectiveness	16 %

### **For the battery**

Type	lead acid, gell, hermetic, no maintenance, interchangeable
Nominal Voltage	4 V
Capacity	2.5 Ah
Approx life time	5 years

### **For the mechanical construction**

Type of optical material	polycarbonate
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## COMPOSITION OF THE EQUIPMENT

- The following components are included in the construction:
  - LED light source;
  - photovoltaic solar panel;
  - controller;
  - battery.

## FUNCTIONS OF THE BUILT IN CONTROLLER

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