

# SA-03-B

## Autonomous Solar Powered Low Intensity Aviation Obstacle Light Type A

THE EQUIPMENT IS DESIGNED FOR INSTALLATION ON HIGH BUILDINGS, TOWERS, PILLARS, CHIMNEYS ETC., WHICH ACCORDING TO THE ICAO REQUIREMENTS, SHOULD BE MARKED AS OBSTACLES FOR AVIATION.

THE EQUIPMENT IS USED IN CASES WHEN THERE IS NO POWER SUPPLY AVAILABLE OR ITS PROVISION AND MAINTENANCE ARE NOT EFFECTIVE.



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## FEATURES

- Automatically switch on the lamp when it is dark
- Protection against battery overcharging
- Protection against battery discharging
- Various modes of operation (automatic, manual, test)

## TECHNICAL CHARACTERISTICS

### For the device

IP degree	IP 55
Autonomous operation:	14 nights
Control mode	Intelligent controller
Operating temperature	- 25° C to 50° C
Overall dimensions	180 x 326 x 245 mm
Weight	4 kg

### For the lamp

Light source	LED ALOL - AM8
Luminous intensity	> 10 cd (as per ICAO standards)
Emitted light colour:	red
Light mode:	flashing
Power consumption:	1.2 W
IP degree:	IP 66
Approx life time:	100 000 hours

## COMPOSITION

- Main lamp
- Photovoltaic solar panel
- Controller
- Battery
- Mechanical construction
- Installation accessories

### For the solar panel

Output power	3 Wp
Technology	photovoltaic, monocrystalline type
Approx life time	25 years

### For the battery

Voltage	12V
Capacity	3Ah
Approx. life time	up to 5 year

### For the mechanical construction

Type of material	stainless steel, plastic with UV protection
Installation Mode	horizontal, vertical, on pillar