

SAM-03S



AUTONOMOUS SOLAR POWERED LOW INTENSITY AVIATION OBSTACLE LIGHTS 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.



SAM-03S

FEATURES

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

COMPOSITION

- Lamp
- Photovoltaic solar panel
- Controller
- Battery
- Mechanical construction
- Installation accessories

TECHNICAL CHARACTERISTICS

For the device

IP degree:	IP65
Autonomous operation:	15 nights
Control mode:	Intelligent controller
Output for alarms:	relay contact N/C
Operating temperature:	- 25° C to 55° C
Overall dimensions:	180 x 326 x 323 mm
Weight:	5.3 kg

For the lamp

Light source LED:	ALOL5M
Luminous intensity:	> 10 cd
Emitted light colour:	red
Light mode:	constant
Power consumption:	0.4 W
Approx life time:	100 000 hours

For the solar panel

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

For the battery

Voltage:	12V
Capacity:	7 Ah
Approx life time:	8 ÷ 12 years
Technology:	Lithium sealed

For the mechanical construction

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