

Solar Powered Navigation/obstruction Light



The solar panel provides power supply to the light, which makes ATL-NAV36 a self-contained and care-free light unit. Also, with the solar function, the light is easy to deploy to almost any condition and any emergency case. Robust body built and surface coating provides good protection against harsh environments. It is equipped with an 12Ah rechargeable battery a clean power source with no pollution.

Features

- Ultra-light LEDs, energy saving
- Self-contained without outside power supply
- Maximum visibility distance 5 KM
- Available in several colours (red, green, yellow , white)

Application

- High-rise building marking
- Telecom tower marking
- Road obstruction marking
- Navigation aid
- Port, dock entrance & walkway
- Buoy marking
- Offshore gas & oil platform

Specifications

LIGHT OUT-PUT

Intensity	up to 75 Cd
Nominal Night Range	>5 KM
LED Color Available	red, green, yellow , white
Vertical Divergence	8 Degree
Horizontal Out-put	360 Degree
Illumination	Ultra-bright LEDs
LED Lifespan	100,000 Hours

OPERATION

Autonomy	3 days
Quiescent current:	≤5mA
Flash frequency:	adjustable
Flash precision:	±1%
Lighting controlled sensitivity:	300LX

POWER SUPPLY

Solar panel	12V / 12W module
Rechargeable battery	12Ah, lead acid
Autonomy	3 days (in cloudy & raining weather)

MECHANICAL STRUCTURE

Lens	Polycarbonate, UV Stabilize
Water-proof	IP67
Weight	10.50 KG
Temperature Range	-30C° ~ +60C°
Dimensions	400mm*650mm
Warranty	5 years for light 2 years for battery

Colour	vertical divergence angle	light intensity (cd)
Red	8°	58
green	8°	75
yellow	8°	53
White	8°	64

