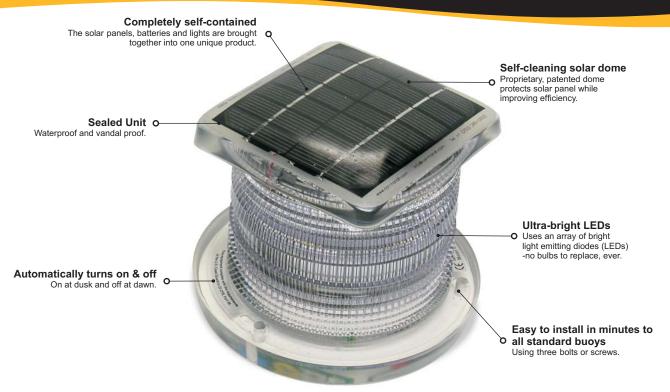
Solar-Powered LED Marine Lanterns Model M601 - 2 Nautical Miles¹





Built to Perform in Harsh Environments

The Model M601, 2 Nautical Mile (3.7km) solar-powered LED lanterns are the world's most advanced, solar-powered LED navigational and hazard-marking lanterns. Completely self-contained, installing in minutes and requiring no maintenance or servicing for up to five years, the Model M601 has a history of reliable performance even in extremely harsh weather conditions.

Reliable Technology

Through the innovative combination of solar power and LED technology, the Model M601 lantern charges during the day, even under cloudy conditions, and turns on automatically at night. Instead of relying on short-lived incandescent bulbs, the Model M601 uses durable, ultrabright light emitting diodes (LEDs), which have an operating lifespan of up to 100,000 hours.

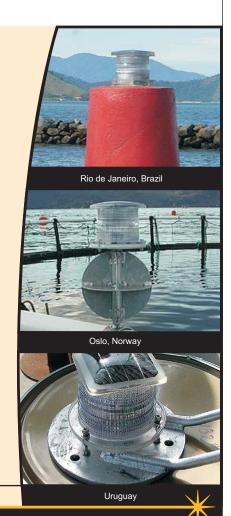
Quality Manufacturing

Designed and built in partnership with Canadian Coast Guard, the Model M601 uses an array of ultra-bright LEDs and can be programmed to produce any one of over 200 standard flash patterns. Custom patterns can be special ordered. The Model M601's light output meets IALA's four international chromaticity color requirements, and is available in green, red, amber and white. The Model M601 is manufactured in accordance with ISO 9001:2000 Quality Assurance Standards.

Typical applications:

- Small safety/hazard buoys
- Short range navigation buoys
- Research buoys
- · Private aids to navigation
- Port and marina entrances
- Channel and canal markers
- Offshore oil & gas rigs
- Public piers, docks and marine walkways
- . Boat and barge terminals
- Breakwaters and all types of marine infrastructure
- Floating hose markers

30-day satisfaction guarantee and three-year warranty!

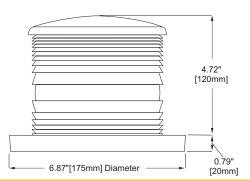


CHANGE THE WORLD WITH US™

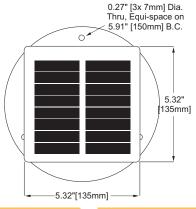
Solar-Powered LED Marine Lanterns Model M601 - 2 Nautical Miles¹



Side View



Top View



SPECIFICATIONS

LIGHT OUTPUT	FLASHING ²
Effective Intensity (Transmissivity constant of 0.74)	
Green	~ 11 Candela
Red	~ 7 Candela
Amber	~ 6 Candela
White	~ 9 Candela
Nominal Night Range¹ (Employs Method of Schmidt-Clausen)	
Green	~ 2.7 NM
Red	~ 2.3 NM
Amber	~ 2.1 NM
White	~ 2.5 NM
Vertical Divergence	7°
Horizontal Output	360°

OPERATION

Minimum Autonomy ³	300 Hours
Minimum Equivalent Peak Sun Hours to Maintain Minimum Autonomy	1.5 Hours
Illumination Technology	16 Ultra-bright Light Emitting Diodes
Lifespan of LEDs	Up to 100,000 Hours
Chromaticity of Color Output	Meets IALA specifications
Available Standard Flash Patterns (Custom patterns available)	256 including "steady-on" (user-adjustable)
Power Management System	MICROSOURCE™

CONCEDUCTION

CONSTRUCTION	
Solar Panels	Mono-Crystalline
	Potted with UV-protected polyurethane and
	domed for higher efficiency
Battery	Sealed pure lead-tin - recyclable
Lens Material	Polycarbonate
Battery Venting	Vent at the bottom of the lantern
Sealing	Self-contained unit, potted with polyurethane
Weight	4.85 lbs (2.2 kg)
ENVIRONMENTAL and ELECTRICAL	

ENVIRONMENTAL and ELECTRICAL

Temperature Range⁵	-40° to 176° F
	(-40° to +80° C)
Waterproof	As per IP67 (NEMA 6)
CE Approval	As per EN 60945:1997

TRADEMARKS and PATENTS

Trademarks and Patents

US Patents: 5,782,552 & 6,013,985 European Patent Application: 96925627.0

Other Patents Pending

REPRESENTED BY

Scottco Marine

Website: www.scottcomarine.com Phone: 800-932-9414 Address: Scottco Marine

2970 W. Hayden Avenue Hayden, Idaho 83835

> Optional Infrared Programmer







All specifications are subject to change without notice

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Actual range is dependant on flash pattern, intensity, and LED color.
 All "Flashing" light specifications are based on 100% intensity setting at 12.5% duty cycle (code 064).
 Actual figures for autonomy depend on the intensity level setting.

Lights will function reliably at higher latitudes than 55° North or South if intensity/autonomy is properly adjusted to suit operating environment by an Authorised Carmanah Eights will fundable relative at higher leatinges than 55 Portion of Social in inclusive distances. Page 25 Portion of Social in inclusive distances and the Representative.

§ Amber, Red, Green: ~14 years to 80% of original effective intensity when operated at night with a 12.5% duty cycle...

§ Consistent ambient temperatures above +77°F (+25°C) may affect overall battery life. Temperatures above +140°F (+60°C) may affect output.