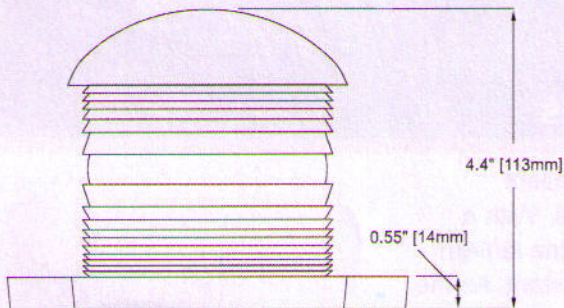


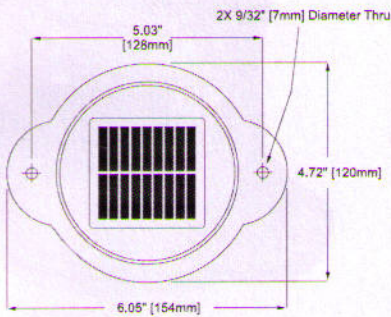
Solar-Powered LED Marine Lanterns Model M502



Side View



Top View



Accessories

Security Bolt



Mounting Plate



- **Completely self-contained**
The solar panels, batteries, and LEDs are brought together into one unique product.
- **Self-cleaning solar dome**
Proprietary, dome protects solar panel while improving efficiency.
- **Sealed unit**
Waterproof and vandal proof.
- **Ultra-bright LEDs**
Uses an array of bright light emitting diodes (LEDs) - no bulbs to replace, ever.
- **Easy to install in minutes**
Using two bolts or screws.
- **Automatically turns on and off**
On at dusk and off at dawn.

Carmanah's Model M502 solar marine lantern is a compact, light-weight, and low maintenance solution for marking small buoys, docks, marinas, aquaculture weirs, and other applications requiring navigation or hazard marking.

The Model M502 is the next generation of the Model M501 solar marine lantern. The Model M502 solar marine lantern features 1 NM (1.8 km) visibility and offers:

- **Maximum capacity with minimal life-cycle cost** – operates up to five years maintenance free³
- **Field-proven durability** – over 250,000 solar installations worldwide
- **IP68 certification** – designed to higher levels of water ingress protection standards
- **Vandal and theft resistant design** – high quality construction and mounting hardware
- **Patented technology** – innovative LED technology and energy management system

The Model M502 is also:

- Manufactured in accordance with ISO 9001:2000 Quality Assurance Standards
- Engineered to meet requirements of the USCG in 33 CFR part 66 for Private Aids to Navigation

¹ Transmissivity of 0.74.

² Actual range is dependant on flash pattern, intensity, and LED color.

³ Dependent on location.



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