



Go Deep
Aids to Navigation

M550
SELF-CONTAINED MARINE LANTERN



FEATURES & BENEFITS

- Installs in minutes; automatic "out of box" activation
- Operates on three high-temperature-rated NiMH AA batteries; replaceable, recyclable, shelf life up to two years
- Up to 26 cd (IALA peak, white)
- Up to 3 Nautical Miles visible range at $T=0.74$
- Vertical divergence 8° (FWHM)
- Up to 40 user-adjustable flash patterns with ability to direct enter effective intensity. Automatic adjustment for Schmidt Clausen
- Next generation, energy-saving Automatic Light Control; five-day data trending regulates intensities for optimal performance throughout the calendar year and longer battery life
- Premium grade, UV resistant polycarbonate body and lens material
- Waterproof design; IP 68 immersion
- Ventilated battery compartment
- Best-in-class high-efficiency solar cells embedded in polyurethane to maximize energy collection at all latitudes
- Life expectancy 15 years; 3 year warranty

**CONTACT US
TO ORDER:**

TOLL FREE (NORTH AMERICA):
INTERNATIONAL:

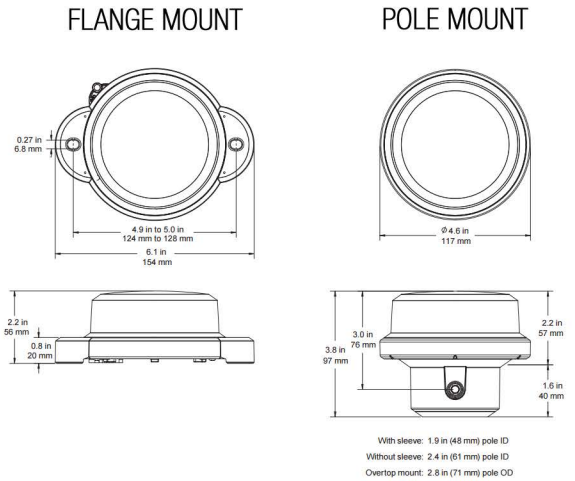
1-877-446-3337
1-506-633-7850

EMAIL: INFO@GODEEPATON.COM
WEB: WWW.GODEEPATON.COM

SPECIFICATIONS

OPTICAL
29 cd peak intensity (as per IALA rating); see table
High Flux Surface Mount LED
IALA compliant chromaticities; Red, Green, White, Yellow, Blue
Proprietary optical design
40 flash patterns
ENERGY COLLECTION
Best-in-class high-efficiency solar cells. 0.6 W panel
ENERGY MANAGEMENT SYSTEM
Three high-temperature NiMH AA batteries rated for -40 to 185 °F (-40 to 85 °C)
Designed for 5 year battery life; Replaceable and recyclable
AUTOMATIC LIGHT CONTROL 2.0 (ALC 2.0)
Intelligent, microprocessor EMS
When enabled, ALC adjusts output intensity in response to unusually low amounts of sunlight to ensure continued operation
PROGRAMMING
Programmable with optional infrared programmer
CONSTRUCTION
Premium grade UV resistant, polycarbonate body and lens
Waterproof battery compartment with GORE® vent
Colour indicator matches LED color
TEMPERATURE
-22 to 122 °F (-30 to 50 °C) operating
-40 to 176 °F (-40 to 80 °C) storage
WEIGHT
Flange Mount: 0.8 lbs (0.37 kg), Pole Mount: 0.9 lbs (0.40 kg)
MOUNTING
Flange or pole-mount options. Refer to dimensional diagram for details
WIND LOADING
140 knots (72 m/s)
ICE LOADING
0.03 psi (22 kg/m ²)
SHOCK & VIBRATION
MIL-STD-202G (for Shock and Vibration)
INGRESS
IP 68 immersion, 24 hrs at 1 m (3 ft)
MIL-STD-202G immersion & damp heat cycling
MIL-STD-810G rain & salt fog
COMPLIANCE
USCG PATON 33CFR66. 33CFR67 Class C Pending
RoHS; WEEE
IEC 60945, FCC

GENERAL ARRANGEMENT



PEAK INTENSITY (IALA)

COLOR	INTENSITY
Red	18 cd
Green	23 cd
White	29 cd
Yellow	25 cd
Blue	8 cd

Ask about our full line of top marks and self-contained solar lanterns!



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