



BrightStar Class "A" (5nm) LED
Marine Lantern



The Essi Model BrightStar Class "A" (5nm) LED Marine Lantern is a very efficient and extremely reliable marine lantern because of the (LEDs) Light Emitting Diodes. The extremely thick marine aluminum housing is another design advantage over other marine lanterns.

The BrightStar LED Marine Lantern is developed by our Corporate Partner, Sabik Oy of Finland. The design is so durable that the lantern has survived years of operation in extreme ice sea-salt water applications worldwide.

The BrightStar LED Marine Lantern is so versatile that the identical lantern is United States Coast Guard (USCG) approved for the Class "B" (3nm) visibility range with a simple programmer adjustment of the light intensity measured in candela.

The Essi Model BrightStar Class "A" (5nm) LED Marine Lantern consist of four (4) major components.

1. The BrightStar Lens is molded from a single piece of thick Ultra Violet (UV) stabilized Lexan™ polycarbonate ensuring durability of light output with minimal fading or discoloration during aging.

2. The BrightStar LEDs (Light Emitting Diodes) represents the latest in marine lantern technology with an average life expectancy of ten (10) years. The average life expectancy of an incandescent marine lamp, used in existing marine lanterns, is just over one (1) months. Sixty (60) LEDs are placed strategically over a three hundred sixty degree (360°) circumference. The distinct advantage over other LED marine lanterns is that Essi Corporation's design nearly eliminates "low spots" of light intensity output by installing one (1) LED every six degrees (6°).

3. The Flasher is designed to meet all IALA flash characters, in addition to being reverse polarity protected and synchronous.

4. The BrightStar Housing is designed to withstand harsh environmental conditions including high winds and low temperatures. The BrightStar Housing components have a long history of being reliable in the worst environmental conditions possible.

Applications: Marking Of Artificial Islands And Fixed Structures, Oil/Gas Platforms, Drilling Rigs, Barges, Buoys, Channels, Bridges, Docks, And Aviation Warning.

Certifications: Factory Mutual (FM) Listed For Class I, Division II, Group(s) C&D (Hazardous) Locations (Pending).

Power: Twelve (12) or Twenty-Four (24) volts direct current (dc) recharging energy cells (batteries).

Monitoring: This unit is compatible with Essi's Smart Field Monitoring, a system designed to monitor and alert customers of device outage, low voltage, fault, malfunction or non-compliance.

