BrightStar (10nm) LED Marine Lantern

Essi Corporation
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The Essi Model BrightStar (10nm) LED Marine Lantern is a high intensity, very efficient and extremely reliable marine lantern because of the (LEDs) Light Emitting Diodes. The thick marine aluminum housing is another design advantage over other marine lanterns.

The design is so durable that the lantern has survived years of operation in extreme ice sea-salt water applications worldwide.

The BrightStar (10nm) LED Marine Lantern consists of four (4) major components.

1. The BrightStar Lens is molded from 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) month. A top and bottom layer of one hundred twenty (120) LEDs (on each layer) 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 three degrees (3°).

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 BightStar Housing components (marine grade aluminum and stainless steel) have a long history of being reliable in the worst environmental conditions possible.

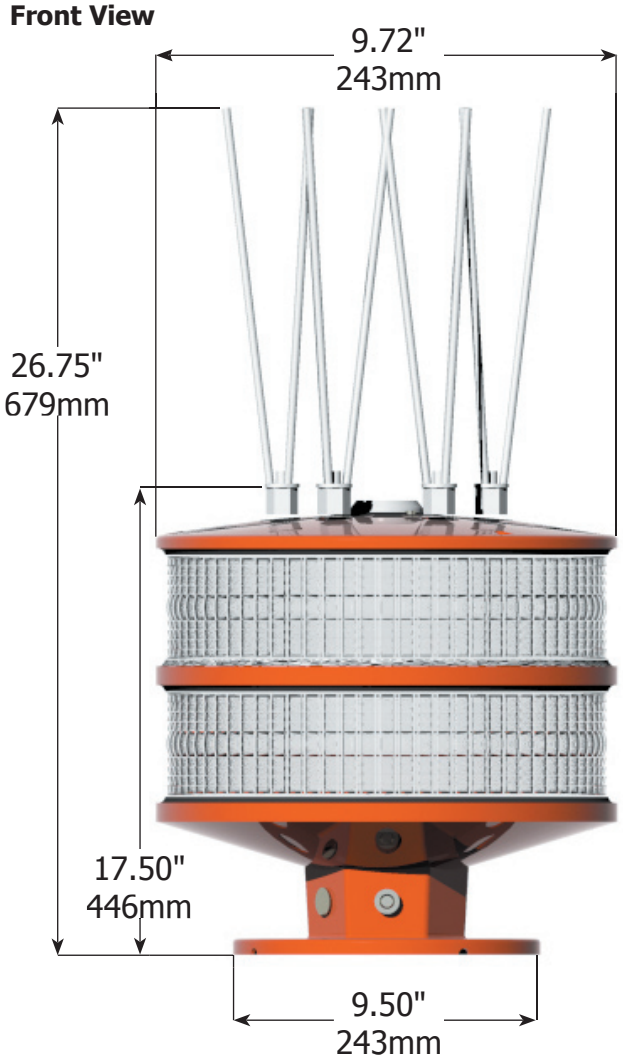
Applications: Marking Of Artificial Islands And Fixed Structures, Oil/Gas Platforms, Drilling Rigs, Barges, Buoys, Channels, Bridges, Docks, And Aviation Warning.

Certifications: Reference = VTT 04 ATEX 016X
Protection Ex = EEx em II T4
Standard Ex = CENELEC EN-50014/ 19/28
Permitted Zone = Zone 1 and Zone 2, indoor and outdoor
Design Ingress Protection = IP 66
Temperature Range = (-40° - +60°)C

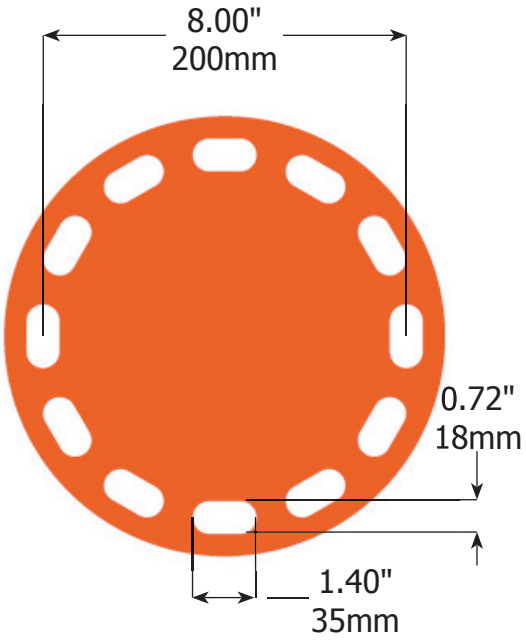
Power: Twelve (12) or Twenty-Four (24) volts direct current (dc) recharging energy cells (batteries).

Egineering Specifications: Upon Request.

Front View



Foot Print



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