

DEEPSEA
Power & Light[®]



LED Matrix-1 SeaLite[®]



Patents Pending

FEATURES

6000 m Depth Rated

Remote Option

Equivalent to 150W HID or 500W Halogen Light

Super Rugged, Resistant to Shock and Vibration

Operates in Air or Water

Virtually Zero Maintenance

T: (858) 576-1261
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LED Matrix® - 1 SeaLite®

Standard Connector

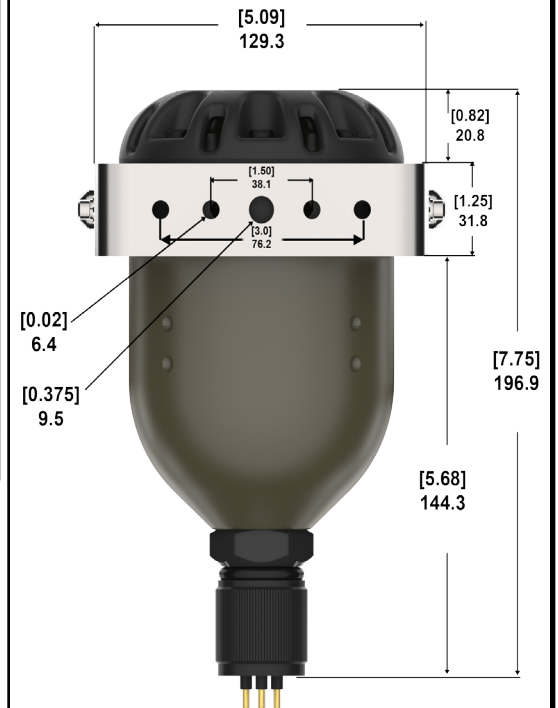


BH3MP

- 1 = Hot (DC +)
- 2 = Neutral (DC -)
- 3 = Chassis

**Other connectors and pin-out options are available upon request.*

Dimensions



[inch]
mm

Mechanical Specifications	
Body Material	Hard Anodized Aluminum (7075)
Window Material	Sapphire
Mounts	High Strength Stainless Steel Mounting Yoke (standard)
Air Weight	2.13 kg (4.70 lbs)
Water Weight	1.01 kg (2.23 lbs)
Implodible Volume	TBD
Environmental Specifications	
Depth Rating	6000 m (20,000 ft)
Test Pressure	10,000 psi
Crush Depth	> 26,000 psi
Operation Temp.	-10° C to 40° C (14° F to 104° F)
Optical Specifications	
Color	Red, White, Blue
Lumens in the Water	6,000 Lumens Typical
Color Temp.	6900° K (White LED)
Beam Pattern (FWHP)	Flood: 60°
Electrical Specifications	
Input	85 - 150V AC @ 50/60Hz, 75-200V DC, 125W max or 150V AC - 250V AC @ 50/60Hz, 200-300V DC, 125W max
Dimming	AC Phase Control Only



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