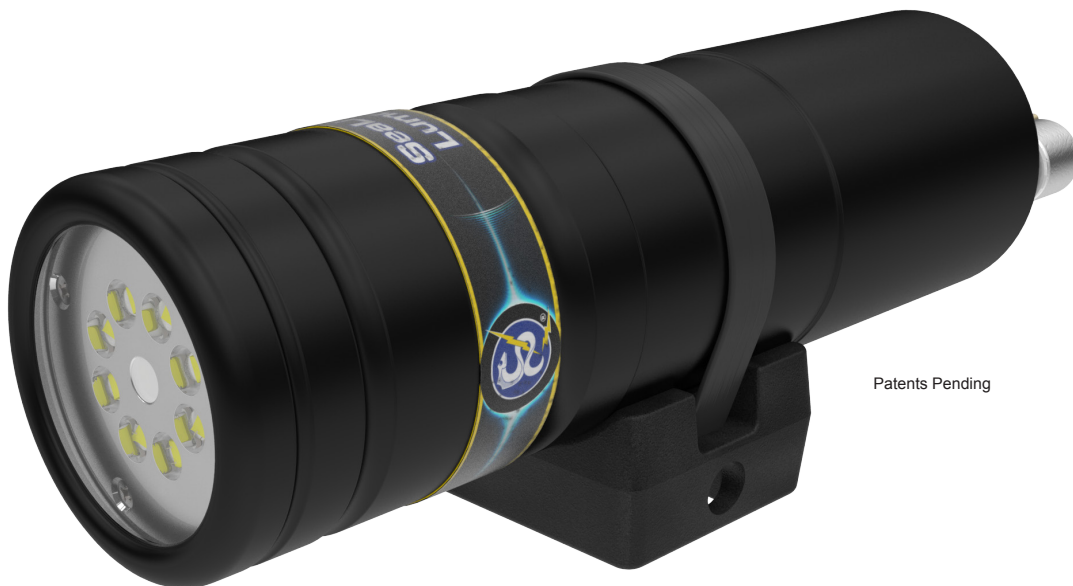


SeaLite[®] Lumos



Patents Pending

FEATURES

High performance LED lighthouse

Fully protected inputs, resistant to over voltage, over current and thermal fault

Highly Vibration and Shock Resistant

Virtually Zero Maintenance

T: (858) 576-1261
F: (858) 576-0219

4033 Ruffin Road
San Diego, CA
92123- 1817 USA

www.deepsea.com
sales@deepsea.com



SeaLite® Lumos

Mechanical Specifications

Housing	Anodized Aluminum (6013-T8) Titanium (optional)
Port	Sapphire
Outer Diameter	47.5 mm [1.87 in.]
Overall Length (w/o connector)	154.3 mm [6.08 in]
Weight in Air	Al housing: 530 g [1.17lbs] ¹ Ti Housing: 710 g [1.56 lbs] ²
Weight in Water	Al housing: 230 g [0.51 lbs] ¹ Ti Housing: 400 g [0.88 lbs] ²

Environmental Specifications

Depth Rating	6,000 m [20,000 ft]
Operating Temp.	-10° C to 40° C [14° F to 104° F]

Optical Specifications

Colors	Day Light White ³
Lumens in Water	3000 typical
Color Temp/Wavelength	5000K - 6500K ⁴
Beam Pattern	Flood: 85° or Spot: 32°

Electrical Specifications

	Lumos 1000	Lumos 2000
Input Voltage	90~270 VAC, 50/60Hz 100~350 VDC	10~36 VDC
Current	0.27A @ 120 VAC 0.13A @ 240 VAC	1.10A @ 24 VDC 2.65A @ 10 VDC
Power	32.0W max	26.5W max
Dimming	AC phase control (TRIAC) variable voltage (VARIAC)	0~5 VDC

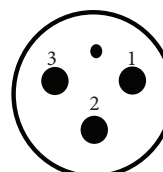
1 Aluminum Housing, Low Voltage Driver, Flood Reflector model.

2 Titanium Housing, Universal Driver, Spot Reflector model.

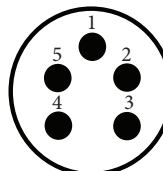
3 Other color options available.

4 Other color temperatures available.

Standard Connectors



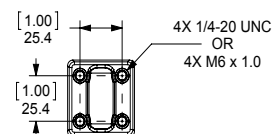
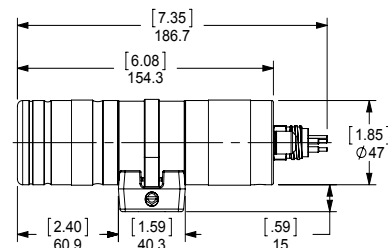
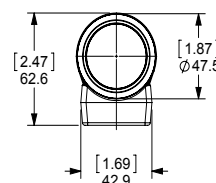
MCBH3MP
(High Voltage AC/DC)
1 = Hot (DC +)
2 = Neutral (DC -)
3 = Chassis



MCBH5MP
(Low Voltage DC)
1 = DC+
2 = DC-
3 = Chassis
4 = Not Used
5 = 0-5 V DC Control
(0-5V DC Control referenced to Pin 2)

*Other connector options are available upon request.

Dimensions



[inch]
mm



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