

DEEPPSEA
Power & Light®



LED SeaLite®



Patents Pending

FEATURES

Flood or Spot Configurations

Up to 9,000 Lumens

3,000 m and 6,000 m Depth Rated Options

Flicker-Free Digital and Analog Dimming Interfaces

Customer Serviceable

Monitoring Data

SeaSense™ Enabled

Two-Year Warranty

T: (858) 576-1261
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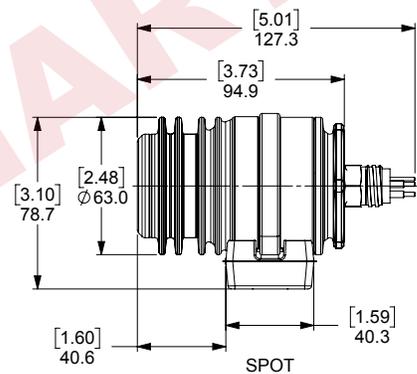
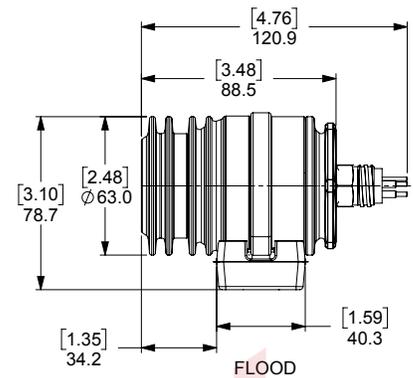
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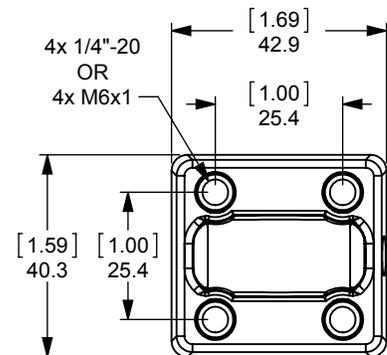


LED SeaLite®

	LSL-1000	LSL-2000
Optical Specifications		
Typical Lumen Output (Flood)	9,000	
Efficacy	56 lm/w ¹	85 lm/w ¹
Lux	Flood: 5,600 lx Spot: 14,000 lx	
Color	Day Light White 5000 K ~ 6500 K Warm White 2600 K ~ 3700 K Other Colors Available	
Beam Angle (HPFW with Sapphire Port)	Flood: 75° Spot: 35°	
Environmental Specifications		
Depth Rating	6,000 m Sapphire Port 3,000 m Acrylic Port	
Thermal Protection	Intelligent Thermal Rollback	
Operational Temperature	-10°C ~ 40°C [14°F ~ 104°F] ²	
Storage Temperature	-40°C ~ 100°C [-40°F ~ 212°F]	
Electrical Specifications		
Voltage	90~140 VAC 50/60 Hz 110~180 VDC	10~48 VDC ¹
Power	160W @ 120 VAC 60 Hz	106W @ 24 VDC
Dimming	RS232 ⁴ , RS485 ⁴ , Phase/Triac	RS232 ⁴ , RS485 ⁴ , 0~5V, 0~10V, 4~20mA
Mechanical Specifications		
Housing	Hard Anodized 6013 Aluminum	
Port	Standard: Sapphire Optional: Acrylic	
Outer Diameter	63.0 mm [2.48 in]	
Overall Length (Without Connector)	Flood: 88.5 mm [3.48 in] Spot: 94.9 mm [3.73 in]	
Weight in Air ³	Flood: 490 g Spot: 510 g	Flood: 450 g Spot: 470 g
Weight in Water ³	Flood: 240 g Spot: 260 g	Flood: 200 g Spot: 220 g
Connector⁵		
Default	SEACON MCBHMP Please contact sales for more options.	



mm [inch]



¹ 100% output available above 20 VDC. 50% output from 10~20 VDC due to input current limits.

² For 120 VAC versions, thermal rollback may reduce light output in water temperatures exceeding 25° C [77° F]. See Manual for additional information.

³ Nominal values are measured with MCBHMP connector and sapphire port configuration.

⁴ For RS232 and RS485, see Manual.

⁵ Ensure that ampacity ratings for interconnect system are suitable for your operating conditions. See Manual for more information.