

# LED Mini-SealLite<sup>®</sup>

- Virtually zero maintenance with 50,000 hour LED lifespan.
- Highly vibration and shock resistant.
- Over four times as efficient as comparable Halogen lamps.
- 6500°K LED penetrates farther than Halogen lamps.
- Safe to operate in or out of the water.



**DEEPSEA**  
POWER & LIGHT

# LED Mini-SeaLite<sup>®</sup>

SPEC REV A 1/08/2010

The revolutionary LED Mini-SeaLite<sup>®</sup> from DeepSea Power & Light will change the way you look at underwater lighting. Gone are the days of downtime caused by lamp changes.

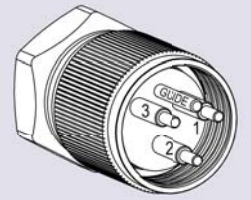
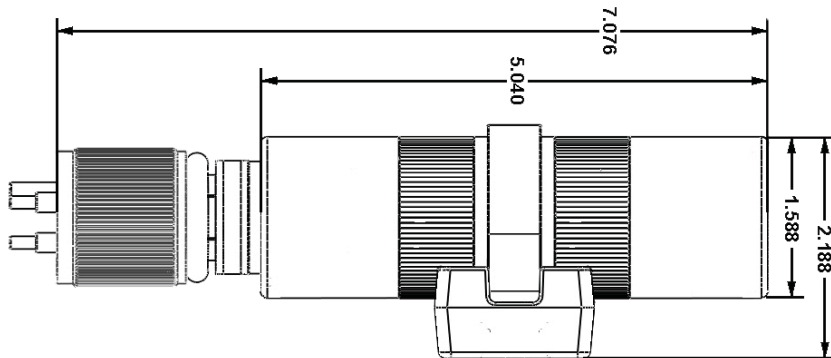
LED Mini-SeaLites<sup>®</sup> have a 50,000 hour lifespan and are incredibly resistant to shock and vibration. The LED Mini-SeaLite<sup>®</sup>'s high color temperature LEDs and state of the art reflector design give you the ability to put light where you need it, reducing the amount of wasted light that is often experienced as backscatter.

The high efficiency LEDs used in Mini-SeaLites produce over four times more usable light per watt than halogen lamps.

The Mini-SeaLite's compact size, rugged design, and light weight make it the perfect choice for helmet or mask mounted applications. The 6000m depth rating means that LED Mini-SeaLites<sup>®</sup> are equally suited for deep AUV and ROV applications.

LED Mini-SeaLite <sup>®</sup>				
<b>MECHANICAL</b>				
Housing:	Anodized Aluminum (6061-T6)			
Port:	Sapphire			
Outer Diameter:	4 cm (1.59 in.)			
Overall Length(w/o conn.):	12.8 cm (5.04 in)			
Weight in Air:	0.5 kg (1.08 lbs)			
Weight in Water:	0.3 kg (0.64 lbs)			
<b>ENVIRONMENTAL</b>				
Rated Depth	6000 meters			
Operating Temperature:	-10 deg. C to +40 deg. C			
<b>OPTICAL</b>				
Colors:	White	Green	Blue	UV
Lumens in Water:	850lm	N/A	N/A	N/A
Color Temperature:	6,600° K	535 nm	485 nm	365/405 nm
Beam Pattern:	Spot: 20° / Flood: 60°			
<b>ELECTRICAL</b>				
Input Voltage:	10-32 VDC			
Current:	1.83A @ 12 VDC			
Power:	22W			
LED Lifespan:	50,000 hours			
Dimming:	Fully dimmable using 0-5 VDC analog control			

*Specifications subject to change without notice.*



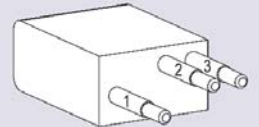
**BH3MP**

(1=Hot, 2=Neutral, 3=Ground to shell)

**BH3MP(LV Dimming Option)**

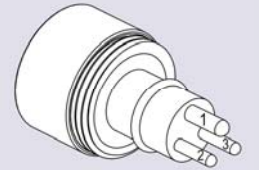
(1=Pos, 2=Neg, 3=Pos 0-5vdc control)

(NOTE: 0-5vdc Control to ground to Pin 2)



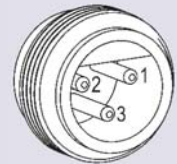
**LPBH3MP**

(1=Hot, 2=Neutral, 3=Ground to shell)



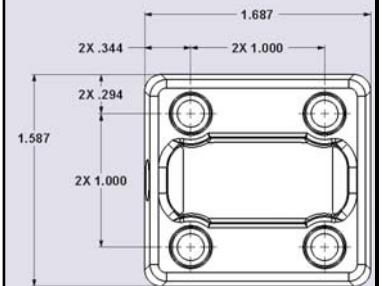
**XSG3BCL**

(1=Ground to shell, 2=Hot, 3=Neutral)



**1503**

(1=Hot, 2=Neutral, 3=Ground to shell)



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