



# SeaLite<sup>®</sup> Sphere



UP TO 10,000  
LUMENS



BEAM ANGLE  
OPTIONS



COLOR  
OPTIONS



FLICKER  
FREE



INTELLIGENT THERMAL  
MANAGEMENT



PHASE  
DIMMING

## Proven, Dependable Lighting

### Versatility for a variety of subsea applications

The SeaLite Sphere 200 Series emits up to 10,000 lumens and offers multiple configuration options, including various beam angles, voltage tolerances, housing materials, and depth ratings of 6,000 m or 11,000 m. This LED light features flicker-free dimming and a field-serviceable connector. The isolated connector compartment adds a barrier of protection from connector failures. Intelligent thermal rollback prevents overheating.

The SeaLite Sphere 200 Series includes a mounting bracket with titanium inserts.



For further information, email  
[sales@deepsea.com](mailto:sales@deepsea.com)



## Specifications

SLS-	SLS-6200	SLS-8200
<b>Optical Specifications</b>		
Typical Lumen Output (Flood) <sup>1 2</sup>	9,000	10,000
Efficacy with Flood Configuration <sup>1 2</sup>	53 lm/w	77 lm/w
Lux	5,600 lx	6,100 lx
Color Options	Daylight White 5000 K ~ 6500 K Warm White 2600 K ~ 3700 K <i>Other options available</i>	
CRI	Daylight White: 70 Warm White: 80	
Beam Angle	Flood: 75° Spot: 35°	Flood: 80°
<b>Environmental</b>		
Depth Rating	Standard: 6,000 m, Optional: 11,000 m <sup>3</sup>	
Thermal Protection	Thermal Rollback	
Operational Temperature	-10°C to 40°C [14°F to 104°F]	
Storage Temperature	-25°C to 105°C [-13°F to 221°F]	
<b>Electrical</b>		
Voltage	110~140 VAC, 120~150 VDC	215~275 VAC, 275~375 VDC
Power	169 W @ 120 V 60 Hz	130 W @ 275 VAC, 130 W @ 375 VDC
Dimming	AC phase control (TRIAC) Variable voltage (VARIAC)	AC phase control (TRIAC) Variable voltage (VARIAC)
<b>Mechanical</b>		
Housing	Standard: Hard Anodized 6013 Aluminum, Optional: Titanium	
Port	Sapphire	
Outer Diameter	82.1 mm [3.23 in]	
Length without Connector	136.7 mm [5.38 in]	
Weight in Air Aluminum with MCBHMP Connector	824 g [1.82 lbs.]	
Weight in Water Aluminum with MCBHMP Connector	320 g [0.71 lbs.]	
<b>Connector</b>		
Standard Connector	SubConn MCBHMP <i>Contact Sales for more options</i>	

<sup>1</sup> For SLS-6200, nominal values are measured with 8-LED flood configuration, VIN = 120 VAC 3

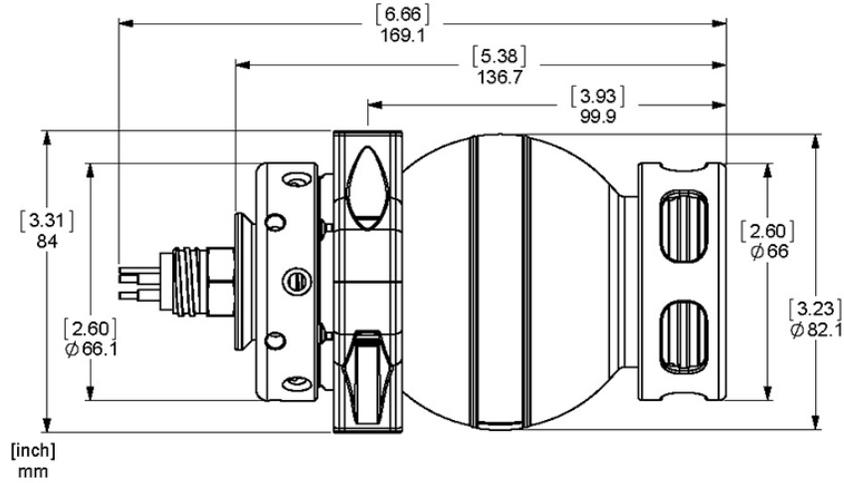
<sup>2</sup> For SLS-8200, nominal values are measured with 32-LED flood configuration, VIN = 275 VAC 5

<sup>3</sup> 11,000 m depth rating requires titanium housing and 20 kpsi rated connector

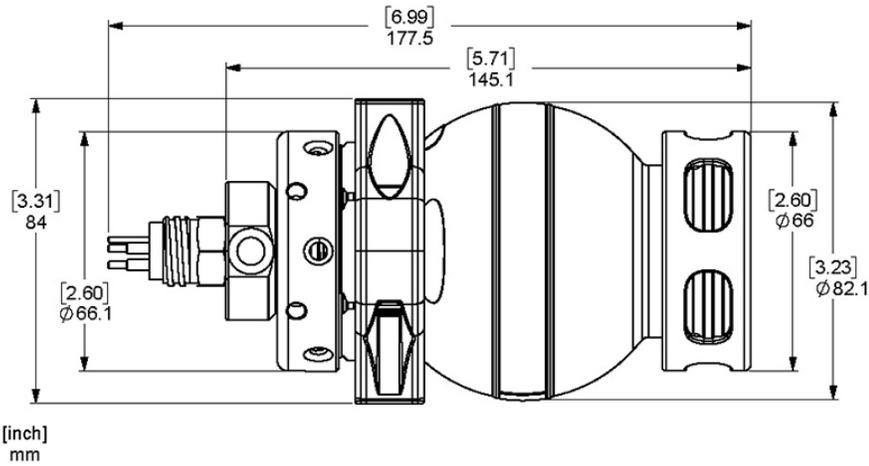
# Dimensions

SLS-6200 / SLS-8200

## Base Endcap



## Optional Extended Endcap with Zinc Anodes



## Bracket

