

DEEPSEA
Power & Light®



SeaLite® Sphere

3200, 5200, 6200, 7200, 8200



FEATURES

Up to 10,000 Lumens with 80° Flood Beam Pattern

Up to 11,000 m Depth Rated

Field-Serviceable Connector

Capable of Operating in Water or Air

Intelligent Flicker-Free Dimming

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SeaLite[®] Sphere 3200, 5200, 6200, 7200, 8200

	SLS-3200	SLS-5200	SLS-6200	SLS-7200	SLS-8200
Optical Specifications					
Lumen Output ^{1, 2, 3, 4}	3,800	7,500	9,000	8,700	10,000
Efficacy ^{1, 2, 3, 4}	89 lm/w	80 lm/w	53 lm/w	97 lm/w	77 lm/w
Lux @ 1 m	2,800 lx	4,900 lx	5,600 lx	TBD	6,100 lx
Color Options	Day Light White 5000 K ~ 6500 K Warm White 2600 K ~ 3700 K Other options available				
CRI	Day Light White: 70 Warm White: 80				
Beam Angle	Flood: 75° Spot: 35°		Flood: 75° Spot: 45°		Flood: 80°
Environmental Specifications					
Depth Rating	Standard: 6,000 m Optional: 11,000 m ⁵				
Thermal Protection	Thermal Rollback				
Operation Temp	-10°C to 40°C [14°F to 104°F]				
Storage Temp	-25° C to 105°C [13°F to 221°F]				
Electrical Specifications					
Voltage	10~36 VDC	20~36 VDC	110~140 VAC 120~150 VDC	90~250 VAC 80~350 VDC	215~275 VAC 275-375 VDC
Power	43 W @ 24 VDC	94 W @ 24 VDC	169 W @ 120 V 60 Hz	90 W @ 120 VAC 60 Hz 90 W @ 220 VAC 60 Hz	130 W @ 275 VAC 130 W @ 375 VDC
Dimming	0~5 VDC		AC phase control (TRIAC) Variable voltage (VARIAC)	AC phase control (TRIAC) No Dimming on DC	AC phase control (TRIAC) Variable voltage (VARIAC)
Mechanical Specifications					
Housing	Standard: Hard Anodized 6013 Aluminum Optional: Titanium				
Port	Sapphire				
Outer Diameter	82.1 mm [3.23 in]				
Overall Length	136.7 mm [5.38 in]				
Weight in Air	763 g [1.68 lbs]		824 g [1.82 lbs]	920 g [2.03 lbs]	824 g [1.82 lbs]
Weight in Water	270 g [0.60 lbs]		320 g [0.71 lbs]	420 g [0.93 lbs]	320 g [0.71 lbs]
Connectors					
Default	SEACON MCBHMP Other connectors available				

¹ For SLS-3200/5200 nominal values are measured with 8-LED flood configuration, $V_{IN} = 24 V_{DC}$

² For SLS-6200, nominal values are measured with 8-LED flood configuration, $V_{IN} = 120 V_{AC}$

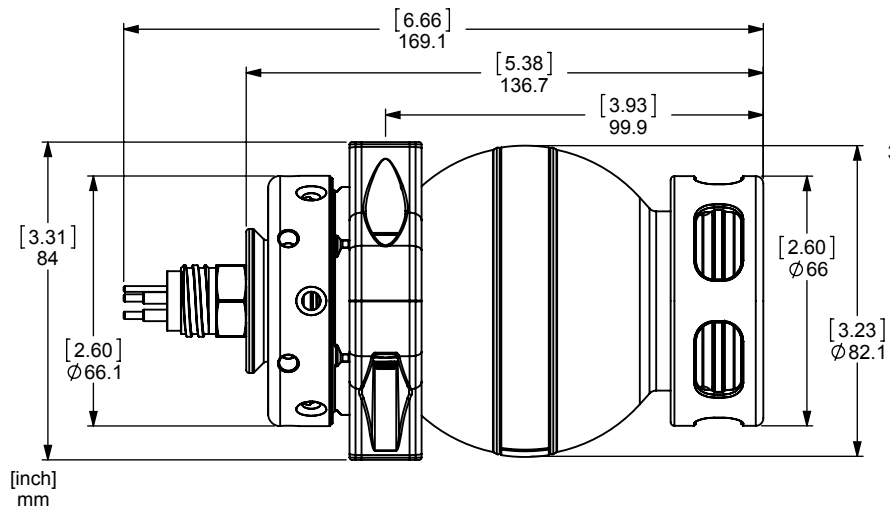
³ For SLS-7200, nominal values are measured with 32-LED flood configuration, $V_{IN} = 120 V_{AC}$

⁴ For SLS-8200, nominal values are measured with 32-LED flood configuration, $V_{IN} = 275 V_{AC}$

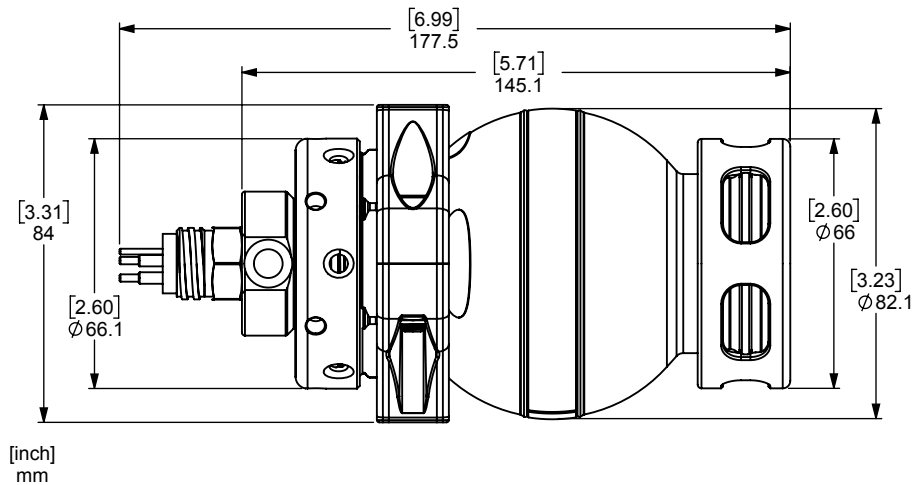
⁵ 11,000 m depth rating requires titanium housing and 20 kpsi rated connector

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Base Endcap



Optional Extended Endcap with Zinc Anodes



Bracket

