DEEPSEA Power & Light®

# SeaLite® Sphere

## 3200, 5200, 6200, 7200, 8200


## FEATURES

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

**6000 m Depth Rated**

**Field-Serviceable Connector**

**Capable of Operating in Water or Air**

**Intelligent Flicker-Free Dimming**

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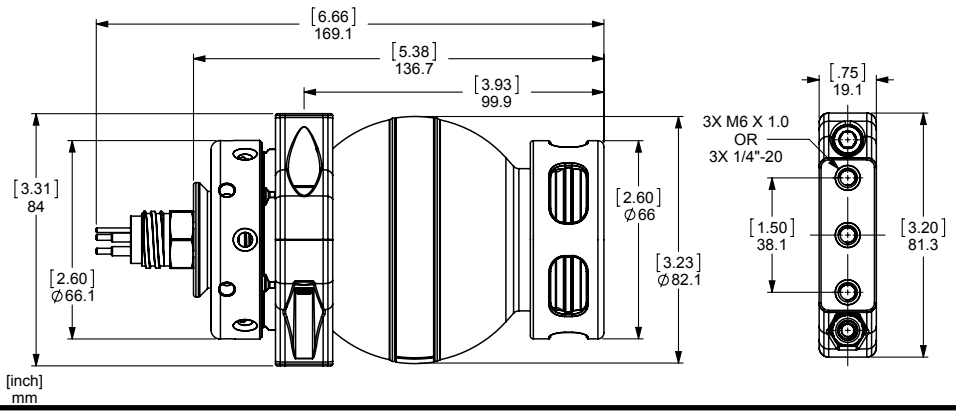
# SeaLite® Sphere 3200, 5200, 6200, 7200, 8200




| | 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<br>Warm White 2600 K ~ 3700 K<br>Other options available | | | | |
| **CRI** | Day Light White: 70<br>Warm White: 80 | | | | |
| **Beam Angle** | Flood: 75°<br>Spot: 35° | | | Flood: 75°<br>Spot: 45° | Flood: 80° |
| **Environmental Specifications** | | | | | |
| **Depth Rating** | 6,000 m | | | | |
| **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<br>120~150 VDC | 90~250 VAC<br>80~350 VDC | 215~275 VAC<br>275-375 VDC |
| **Power** | 43 W @ 24 VDC | 94 W @ 24 VDC | 169 W @ 120 V 60 Hz | 90 W @ 120 VAC 60 Hz<br>90 W @ 220 VAC 60 Hz | 130 W @ 275 VAC<br>130 W @ 375 VDC |
| **Dimming** | 0~5 VDC | | AC phase control (TRIAC)<br>Variable voltage (VARIAC) | AC phase control (TRIAC)<br>No Dimming on DC | AC phase control (TRIAC)<br>Variable voltage (VARIAC) |
| **Mechanical Specifications** | | | | | |
| **Housing** | Hard Anodized 6013 Aluminum | | | | |
| **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<br>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 $V_{AC}$