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

## Optical Specifications

<table>
<thead>
<tr>
<th></th>
<th>SLS-3200</th>
<th>SLS-5200</th>
<th>SLS-6200</th>
<th>SLS-7200</th>
<th>SLS-8200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumen Output 1, 2, 3, 4</td>
<td>3,800</td>
<td>7,500</td>
<td>9,000</td>
<td>8,700</td>
<td>10,000</td>
</tr>
<tr>
<td>Efficacy 1, 2, 3, 4</td>
<td>89 lm/w</td>
<td>80 lm/w</td>
<td>53 lm/w</td>
<td>97 lm/w</td>
<td>77 lm/w</td>
</tr>
<tr>
<td>Lux @ 1 m</td>
<td>2,800 lx</td>
<td>4,900 lx</td>
<td>5,600 lx</td>
<td>TBD</td>
<td>6,100 lx</td>
</tr>
</tbody>
</table>

- **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 m²

- **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)
  - 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, \( V_{in} = 24 \text{ V}_{dc} \)
2. For SLS-6200, nominal values are measured with 8-LED flood configuration, \( V_{in} = 120 \text{ V}_{dc} \)
3. For SLS-7200, nominal values are measured with 32-LED flood configuration, \( V_{in} = 120 \text{ V}_{ac} \)
4. For SLS-8200, nominal values are measured with 32-LED flood configuration, \( V_{in} = 275 \text{ V}_{ac} \)
5. 11,000 m depth rating requires titanium housing and 20 kpsi rated connector

*Specifications subject to change without notice.*
SeaLite® Sphere 3200, 5200, 6200, 7200, 8200

Base Endcap

Optional Extended Endcap with Zinc Anodes

Bracket

*Specifications subject to change without notice.