SeaLite ® Six
Small Light with a Big Punch.

FEATURES

Multiple AC & DC Input Power Configurations

Available in Multiple LED Colors in Addition to UV and IR

Highly Vibration and Shock Resistant

Virtually Zero Maintenance

Operates In or Out of the Water

Fully Dimmable

Patents Pending
# SeaLite® Six

## Mechanical Specifications

<table>
<thead>
<tr>
<th>Housing</th>
<th>Anodized Aluminum (6013-T8) Stainless steel (optional) Titanium (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port</td>
<td>Sapphire</td>
</tr>
<tr>
<td>Outer Diameter</td>
<td>46.9 mm (1.85 in.)</td>
</tr>
<tr>
<td>Overall Length</td>
<td>151.1 mm (5.95 in)</td>
</tr>
<tr>
<td>Weight in Air</td>
<td>0.45 kg (0.99 lbs)</td>
</tr>
<tr>
<td>Weight in Water</td>
<td>0.18 kg (0.40 lbs)</td>
</tr>
</tbody>
</table>

## Environmental Specifications

| Depth Rating     | 6000 m (20,000 ft)                                                             |
| Operating Temp.  | -10º C to 40º C (14º F - 104º F)                                               |

## Optical Specifications

### Colors

- **White**
- **Green**
- **Blue**
- **UV**
- **IR**

### Lumens in Water

- 1500 typical
- N/A
- N/A
- N/A
- N/A

### Color Temp/Wavelength

- 6000º K
- 535 nm
- 485 nm
- 365/405 nm
- 850 nm

### Beam Pattern

- Flood: 85º
- Spot (External Reflector): 12º

## Electrical Specifications

<table>
<thead>
<tr>
<th>LVDC Driver</th>
<th>Universal Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>10-36V DC 90-270V AC, 50/60Hz 100-350V DC</td>
</tr>
<tr>
<td>Current</td>
<td>0.98A @ 24V DC 0.18A @ 120V AC 2.5A @ 10V DC 0.10A @ 240V AC</td>
</tr>
<tr>
<td>Power</td>
<td>~23.5W ~24.4W</td>
</tr>
<tr>
<td>Dimming</td>
<td>0-5V DC Control loop AC phase control (TRIAC) and variable voltage (VARIAC)</td>
</tr>
</tbody>
</table>

## Standard Connectors

**MCBH3MP**
- **High Voltage AC/DC Only**
- 1 = Hot (DC +)
- 2 = Neutral (DC -)
- 3 = Chassis

**MCBH5MP**
- **Low Voltage DC Only**
- 1 = Pos (+)
- 2 = Neg (-)
- 3 = Chassis
- 4 = Not Used
- 5 = Pos 0-5V DC Dimming Control
- *0-5V DC Control ground to Pin 2*

*Other connectors and pin-out options are available upon request.*

## Dimensions

- MCBH3MP
- MCBH5MP

---

*Specifications subject to change without notice.*