



SeaLED OE11-100 Hub System

High output, high efficiency light system

Benefits

- 60,000 Lumen Output
- 6,000 msw Rating
- 24V DC

Applications

- ROV
- Tooling
- General Use

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SeaLED OE11-100 Rev 3.3.

Overview

The SeaLED OE11-100 is a modern flexible, high output, high efficiency light system. The Imenco SeaLED System can be configured and controlled in pairs by various control methods and is fully temperature protected. The Imenco SeaLED System is a quick and simple way of upgrading older light systems.

Technical Specifications

Electrical	
Total Luminous Output	60,000 Lumens (typical)
Beam Angle	76° in water 88° in air
Colour Temperature	5700K
Communication over	HTTP / IP & Serial
Config & control	Web interface, Imenco APP or Serial Commander
Power Input	22 to 26 VDC (24VDC nominal) (3 x 8A)
Dimming	RS232/RS485/ Ethernet 3 x PWM inputs for external dimming control
Dimming control	Capsules dimmed in pairs
Mechanical	
Dimensions Hub Dimensions Capsule	Diameter:74mm (main body), 79mm at front end. Length 238mm Diameter:60mm (main body), 65mm at front end. Length 52mm
Weight Hub Weight Capsules	In water: 1.8kg In water: 0.8kg
Material Housing Material Capsule	Titanium Hiduron
Connector Hub Connector Capsule	BH6MTI, DBH13MTI MCBH6M
Connector Position	Mounted on base of housing
Capsule Port	Acrylic Dome
Environmental	
Operating Depth	6000 msw
Temperature	Operating: 0°C to 40°C (In Water) Storage: -20°C to 60°C
Shock	30G peak acceleration, 25ms half sine duration, on all three axes
Vibration	10G, from 20 to 150HZ on all three axes
Electro-Magnetic Compatibility	BS EN 61000-6-3 2007 Emission and BS EN 61000-6-1 2007 Immunity