

Applications

- ROV & Manned Submersible Illumination

SeaLED 300 / 300L



LED Underwater Floodlight

- 15,000 Lumen Output
- 40 or 80° Beam angle
- 6000msw Depth Rating
- 110V AC Lamp

The SeaLED 300 is a very high output subsea LED flood light for ROV & general-purpose illumination. LED floodlight lamp, designed specifically for ROV and manned submersible deployment applications.

The lamp is fitted with a high-density LED array, producing a broad and even beam with a minimum measured illumination of 15,000 lumens.

The SeaLED 300 underwater LED floodlight lamp can be delivered with different fan angles and the light output is easily regulated by various control protocols.

For further information, email
camera.sales.uk@imenco.com

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Technical Specifications

Electrical	
Lighting	LED Floodlight lamp
Total Luminous Output	15,000 Lumens (typical)
Beam Angle	40 or 80 Deg
Colour Temperature	3,200 or 5,000K
Power Input	110 V AC/DC (176W)
Current	1.6A
Dimming	RS232 /RS485 or Triac (Option 0-10V DC)
Mechanical	
Dimensions 300 300L	Width: 108mm, Depth: 60, Length: 196mm (excl. connector), Width: 80mm, Depth: 60, Length: 500mm (excl. connector)
Weight SeaLED 300 Weight SeaLED 300L	In air: 2.5kg In water: 1.3kg In air: 2.5kg In water: 0.4kg
Housing Material	Hard Anodised Aluminum
Connector	RMG-3-BLL (other connector options are available)
Port	Acrylic
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

Sealed 300/L Rev V1.7.