

# LED-U-Series

4,200 or 7,300 Lumen LED Lamp

## Deep underwater lamp

The Teledyne Bowtech LED-U-SERIES underwater LED lights are supplied with 120Vac and available with 4,200 or 7,300 lumen output.

Due to Teledyne Bowtech's continued history of innovation, these lights feature the latest and best underwater LED lighting technology available.

Rated to operate at 6,000 metres ocean depth, the lamps are manufactured with anodised aluminium housing, offering proven, corrosion resistance.

The 80° wide beam angle light produced, is ideal for colour video inspection tasks.



*Applications: ROV/AUV, Diver*

### PRODUCT FEATURES AND BENEFITS

- 4,200 or 7,300 lumens
- 120 Vac
- 6000m depth rating
- 80° wide angle beam of light
- Rugged construction
- Highly shock and vibration resistant
- Long life 50,000 hours



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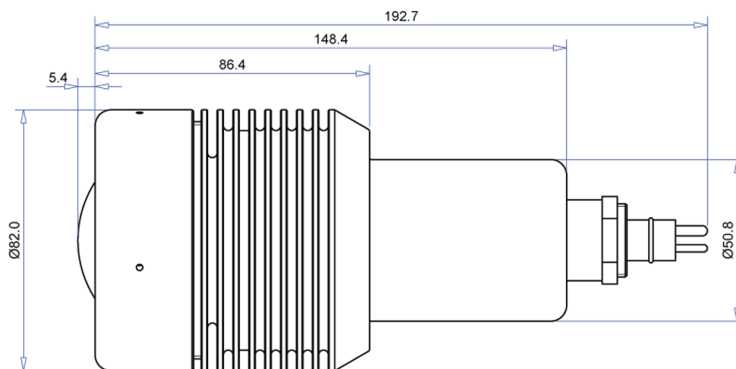
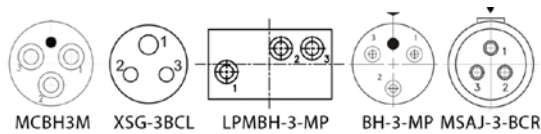
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## TECHNICAL SPECIFICATIONS

Electrical	Input Power	120 Vac 600mA (4,200 lumen model) 1,000mA (7,300 lumen model)
Environmental	Depth Rating Storage Temperature Operating Temperature	6000m -30°C to +70°C -10°C to +32°C -10°C to +20° C (7,300 lumen models in titanium and stainless steel)
	Housing Material	Hard anodised 6082-T6 aluminium, titanium, stainless steel
Optical	Window Typical Luminous Flux Typical Illuminance @ 1m Typical Colour Temperature Lumen Maintenance	Fused Quartz 4,200 or 7,300 lumens 820 lx (4,200 lumen model), 1,365 lx (7,300 model) 6,600 Kelvin (options available) 50,000 hours
Mechanical	Models Dimensions Weight in Air Weight in Water Thermosat Cut-off Typical Beam Angle Standard Connector Optional Connector	LED-U-4200, LED-U-7300 82mm (front-end), 50.8mm (body) (d) x 148.4mm (l) (excluding connector) 1300g (aluminium) 650g (aluminium) Off 70°C, restart <50°C 80° to 50% power points MCBH3M Large selection of connectors available

### Connector Options



Specifications subject to change without notice.  
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