

# U Light

## Subsea Bright Deepwater 110Vac LED Floodlight

The Teledyne Bowtech 6000m rated U Light is a very bright, 10,000 lumens, 110Vac, wide-angle, subsea LED floodlight for use on larger high-powered, mid and deepwater vehicles such as trenchers, tractors, and work class ROVs.

Housed in hard anodised aluminium, the U Light has a diameter of 82mm and a length of 148.4mm (excluding connector) and comes with thermal protection to help prevent the light from overheating.

The U Light can be controlled with external ON / OFF power switching or phase control dimming techniques.

If you are unsure of the correct specification when ordering these lights, please contact a member of our sales team to discuss your preferred lumens output, connector and wiring configuration.



FORUM XLX-C Heavy Duty ROV  
supplied by Forum Energy Technologies

### PRODUCT FEATURES AND BENEFITS

- High-power 110Vac LED light
- Very bright 10,000 lumens output
- Choice of remote-control options
- Thermal limiting protection feature
- High-quality durable anodised aluminium 6000m rated housing
- For mid and deep-water vehicles, such as trenchers, tractors, and work class ROVs
- Ideal for a wide range of subsea operations



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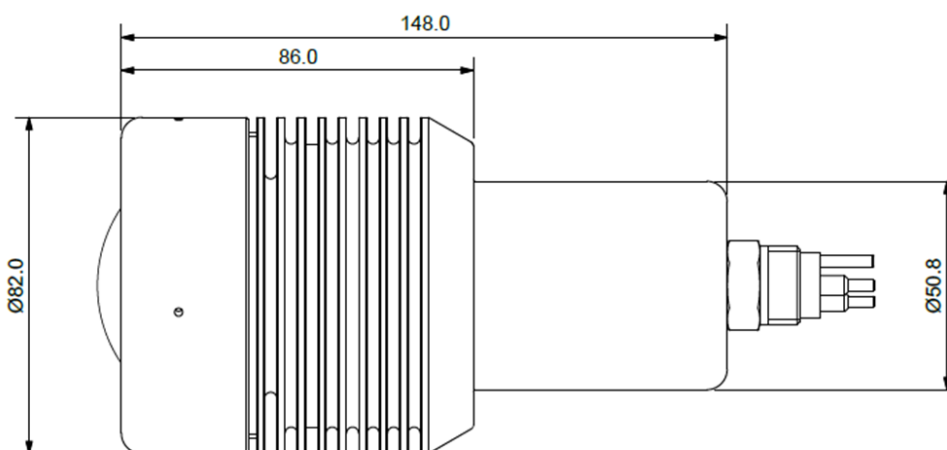


# U Light Subsea Bright Deepwater 120Vac LED Floodlight

## TECHNICAL SPECIFICATIONS

<b>Electrical</b>	Voltage	110Vac (100 to 130Vac)
	RMS current	1.2A
	Power factor	0.83
	Apparent power	127VA
	Control method options	ON / OFF power switching & phase dimming via external controls (not included)
<b>Optical</b>	Luminous flux	10,000 lumens
	Typical illuminance @ 1m	3250lx
	Lumen maintenance (70%)	>50,000 hours
	Colour temperature	6,500K
	Beam angle	80°
<b>Mechanical</b>	Housing / window	Aluminium-6082 T6 (hard anodised) / Optical Quartz Glass
	Dimensions	Ø82mm (LED Housing), Ø50.8mm (body) x 148mm length (exc. Connector)
	Weight in air / in water	1.3kg / 0.65kg
<b>Environmental</b>	Depth rating	6000m
	Thermal protection	Automatic shut off at +70°C
	Storage temperature	-30°C to +70°C
	Operating temperature	-10°C to +40°C
	Shock	3 axis (operating), 30g peak, 6ms half sine pulse
	Vibration	3 axis (operating), 10g, 20 to 150Hz
	EMC emissions & immunity	BS EN 55015:2013+A1:2015 BS EN 61547:2009
	RoHS	Directive 2011/65/EU (RoHS compliant when fitted with RoHS compliant connector)

### Product dimensions (for reference only)



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[www.teledynemarine.com/bowtech](http://www.teledynemarine.com/bowtech)

Tel. +44 (0)1224 772345

Email: [bowtech@teledyne.com](mailto:bowtech@teledyne.com)

