



X Light

Subsea Bright Deepwater 24Vdc LED Panel Floodlight

The Teledyne Bowtech 6000m rated X Light is a bright 10,000 lumens, 24Vdc, subsea LED panel floodlight, emitting 10,000 lumens ideal for use on larger lower-powered, deepwater vehicles such as trenchers, tractors, and work class ROVs.

Housed in hard anodised aluminium, the X Light has a diameter of 103mm, a length of 132mm, and a width of 57.6mm (excluding connector) and is offered with a choice of connectors and wiring configurations.

The X Light has a selection of controls, including normal ON / OFF power switching and dimming controls via either remote analogue voltage control or 'Remote active dimming control' through the Teledyne Bowtech browser (supplied on a USB stick) via an RS-485 interface.

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.



Application: work class ROV

PRODUCT FEATURES AND BENEFITS

- Low-power 24Vdc LED panel light
- Very bright 10,000 lumens output
- Choice of remote-control options
- High-quality durable anodised aluminium 6000m rated housing
- For mid and deepwater vehicles, such as trenchers, tractors, and work class ROVs
- Ideal for a wide range of subsea operations





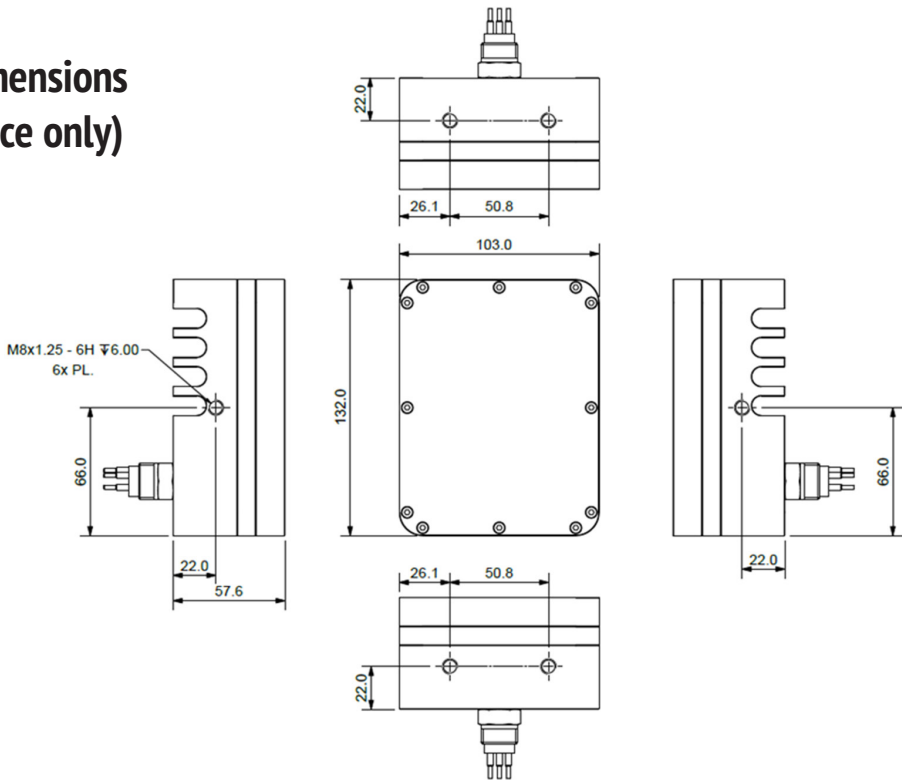
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TECHNICAL SPECIFICATIONS

Electrical	Voltage	24Vdc (12 to 48Vdc)
	Current at nominal voltage	4A
	Power	96W
	Connector	Contact for options
	Control method options	ON / OFF switch, analogue voltage, RS-485 serial input interface
Optical	Luminous flux	10,000 lumens
	Typical illuminance @ 1m	1340lx
	Lumen maintenance (70%)	>50,000 hours
	Colour temperature	6,500K
	Beam angle	80°
Mechanical	Housing / window	Aluminium-6082 T6 (hard anodised) / Optical Acrylic
	Dimensions	Ø103mm (LED Housing), 132mm height x 57.6mm width (exc. Connector)
	Weight in air / in water	1.56kg / 0.9kg
Environmental	Depth rating	6000m
	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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