

LED-V-Series

20,000 Lumen LED Floodlight

The Teledyne Bowtech LED-V-SERIES is a high powered underwater LED light, with a 20,000* lumen output. The light features our latest LED technology.

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

The 80° wide beam angle light produced, is ideal for illuminating large areas for HD viewing tasks.

Narrower beam angles and various colour temperatures are available.



PRODUCT FEATURES & BENEFITS

Features:

- 20,000 lumens
- 6000m depth rated
- 80° wide beam angle of light
- Rugged construction
- Highly shock and vibration resistant
- Long life 50,000 hours



Applications: ROV/AUV, Nuclear, Defence



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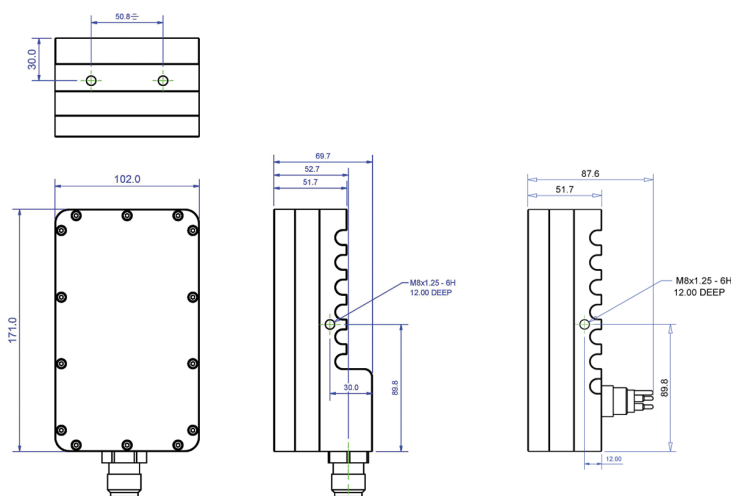
LED-V-Series 20,000 Lumen LED Floodlight



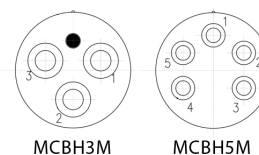
TECHNICAL SPECIFICATIONS

Electrical	Input Power	AC: 100V to 130V or 210V to 250V, DC: 130V to 150V or 240V to 300Vdc
	Apparent Power	110Vac - 381VA 210Vac - 490VA 120Vac -425VA 230Vac - 534VA 130Vac -452VA 245Vac - 550VA
Environmental	Depth Rating	6000m
	Storage Temperature	-30°C to +70°C
	Operating Temperature	-10°C to +35°C
	Housing Material	Hard anodised 6082-T6 aluminium (sacrificial anode option available)
Optical	Window	Acrylic
	Typical Luminous Flux	Variable up to 20,000* lumens
	Dimming Control	RS485 (multi-drop option available with termination resistor), Analogue input 0-5V or 0-10V, analogue input 0-20mA or 4mA
	Typical Colour Temperature	6,600 Kelvin (options available)
Mechanical	Dimensions	51.7mm (rear connector), 69.7mm (side/base connector) (d) x 102mm (w) x 171mm (h)
	Weight in Air	1.8kg (rear connector), 2.1kg side/base connector
	Weight in Water	1.1kg (rear connector), 1.3kg side/base connector
	Thermostat Cut-off	Thermal limiting circuit
	Available Beam Angle	Minimum 20° - Maximum 80°
	Standard Connector	MCBH3M or MCBH5M
	Connector Position	Rear, right side or base
	Mounting Options	M8 x 1.25 mounting holes on top and sides

*Lumen output can be restricted to accommodate lower power input, please contact us



Connector Options



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