



LED-G-Series UNDERWATER LED LIGHT

- 800, 1000 or 1600 lumens
- 24Vdc
- 300m operating depth

Benefits of LED Lighting

No Fragile Filaments

Rugged Construction

**Highly Shock and
Vibration Resistant**

**Average Lifetime
Greater than 100,000 hours**

**Enormous "In Service"
Cost Saving Over Incandescent
Bulbs**

**Available in Various Colour
Temperatures**

The LED-G-Series are available with either 800, 1000 or 1600 lumens output and various colour temperature options. The 800 lumen model is designed to operate in Wet & Dry conditions.

With Bowtech's continued history of innovation, these lights feature the latest LED technology providing the best underwater lighting technology available.

Rated to operate at 300m ocean depth, the lamps are manufactured with anodised aluminium housing which offers proven corrosive resistance.

The 85° diagonal wide angle beam of light produced is ideal for colour video inspection or viewing tasks especially for diving and inspection ROV applications.



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LED-G-Series

SPECIFICATIONS

Models

LED-G-800 Wet & Dry

LED-G-1000

LED-G-1600

Housing Material:

Hard Anodized 6082-T6 Aluminium

Length:

80.3 mm (3.1in) excluding connector

Diameter

47.8 mm (1.9in) front end

25.4 mm (1in) body

Window/Lens:

Acrylic

Weight in Air

0.207 kg (0.46 lbs)

Weight in Water:

0.100 kg (0.22 lbs)

Operating Depth:

300m (984ft)

Operating Temperature:

-10°C to +40°C

Typical Beam Angle:

85 Degrees to 50% power points

Voltage

24Vdc

Power Requirement:

350mA(800 lumen model)

450mA(1000 lumen model)

700mA(1600 lumen model)

Typical Luminous Flux:

800, 1000 or 1600 lumens

Typical Luminous Intensity @ 1m:

TBC

Typical Colour Temperature:

6600 kelvin (options available)

Standard Connector:

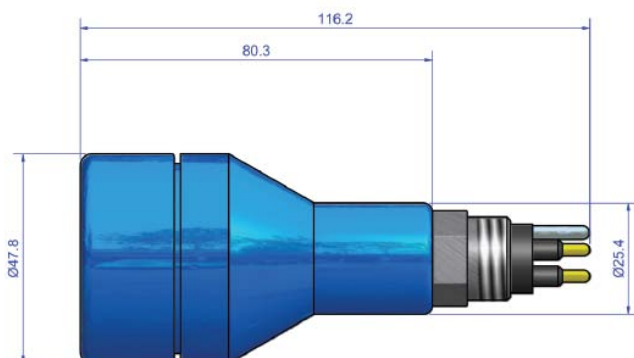
MCBH3M

Optional Connectors:

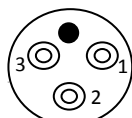
A wide range of Connectors

Lumen Maintenance (70%):

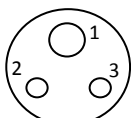
50,000 hours



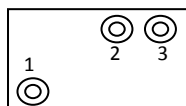
Standard Connector Options:



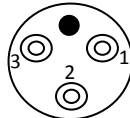
MCBH3M



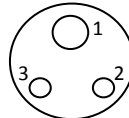
XSG-3-BCL



LPMBH-3-MP



BH-3-MP



MSAJ-3-BCR



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