

LED-C-SERIES

Underwater LED Light



underwater **vision** specialists

Features

- 430 Lumens
- 24Vdc
- 48° Wide Angle Beam
- 300 Metre Rated Aluminium Rated Housing/4,000 or 6,000 Metre Rated Titanium Housing



Description

The Bowtech Products LED-C-SERIES is available with 430 lumens output and various colour temperature options.

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

The lights are manufactured with aluminium housing, which is anodised and rated to operate at 300 metres ocean depth, or Titanium rated to 4,000 metres (with a 6,000 metre option), which all offer proven corrosion resistance.

This focused light is ideal for colour video inspection, or viewing tasks, especially for diving and ROV applications, where a compact light source is paramount.

Benefits of LED Lighting

No Fragile Filaments

Rugged Construction

Highly Shock and Vibration Resistant

Average Lifetime Greater than 50,000 hours

Enormous "In-service" Cost Saving Over Incandescent Bulbs

Available in Various Colour Temperatures



© Bowtech Products Ltd 2012 All rights reserved.
Bowtech Products Ltd reserves the right to change the above specifications without notice.

T +44 1224 772345
F +44 1224 772900

sales@bowtech.co.uk
www.bowtech.co.uk

Last updated 17th May 2013
Revision: 0

Specification – LED-C-SERIES

ELECTRICAL

Input Power Requirement: 24Vdc, 350mA

OPTICAL

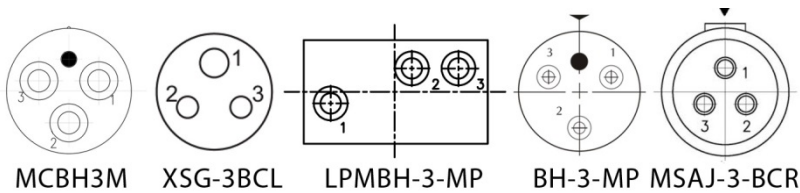
Window/Lens: Acrylic (aluminium), Sapphire (titanium)
Typical Luminous Flux: 430 Lumens
Typical Illuminance @ 1m: 490 lx
Typical Colour Temperature: 6,600 Kelvin (options available)
Lumen Maintenance (70%): 50,000 hrs

ENVIRONMENTAL

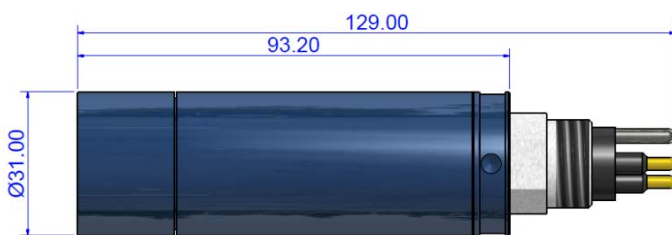
Operating Depth: 300m (984ft) (options for 4,000 or 6,000m titanium)
Storage Temperature: -30 to +70°C
Operating Temperature: -10 to +40°C
Housing Material: Hard Anodized 6082-T6 Aluminium
Optional Housing Materials: Titanium

MECHANICAL

Models: LED-C-430
Length: 93.2mm (3.7in) Excluding Connector
Diameter: 31mm (1.2in)
Weights in Air: Aluminium 0.146kg (0.32lbs), Titanium 0.218kg (0.48lbs)
Weights in Water: Aluminium 0.066kg, Titanium 0.138kg
Typical Beam Angle: 48° to 50% Power Points
Standard Connector: MCBH3M
Optional Connectors: A Wide Range of Connectors



(connector face patterns not to scale)



© Bowtech Products Ltd 2012 All rights reserved.
Bowtech Products Ltd reserves the right to change the above specifications without notice.

T +44 1224 772345
F +44 1224 772900

sales@bowtech.co.uk
www.bowtech.co.uk

Last updated 17th May 2013
Revision: 0