



## Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

### PRODUCT DATASHEET BIRNS Aquila LED



#### THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

#### OVERVIEW

The BIRNS Aquila-LED (BIRNS Model 5749) provides intense LED illumination focused on the job at hand, in the water and out.



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### DESCRIPTION

The BIRNS Aquila-LED (BIRNS Model 5749) provides intense LED illumination focused on the job at hand, in the water and out. This is the ultimate low voltage underwater multi-use light – effectively piercing the depths with a potent 5700K brilliance in a compact, lightweight silhouette. This robust LED light delivers high performance under pressure with a small, yet powerful design. Its vivid 450 lumen LED lamp is rated at 35,000 hours and consumes just 6.5 watts, and is RoHS compliant

### FEATURES

- Brilliant 5,700K white light illumination
- 20° beam
- 200m depth rating
- 35,000 hour lamp life
- 450 lumens
- 6.5W
- Operates in and out of water
- Fast, easy, wire-free maintenance
- BIRNS Smart Seal O-rings
- Ultra-compact, (~60mm / ~2.4") light-weight design
- Customizable, mounts anywhere

### SPECIFICATION

#### PHYSICAL:

- Length** - 111 mm (4.37 in)
- Width** - 60.4 mm (2.38 in)
- Weight in Air** - 209 g (7.4 oz)
- Weight in Water** - 64 g (2.3 oz)

#### LIGHTING/PHOTOMETRIC:


- Lamp Type** - LED, GU5.3 base
- Time To Full Brightness** - <1 second after application of power
- Operating Position** - Universal

#### ENVIRONMENTAL:

- Protection Level** - IP 68



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**Depth Rating** - 200 M (600 FSW)

### ELECTRICAL:

**Cable Size** - 16 AWG Type SO, 2 conductor

**Cable Current Rating** - 12 amperes maximum

**Cable Voltage Rating** - 600 volts maximum

### MATERIALS:

**Housing Parts** - 6061 Aluminum, hard black anodized per MIL-A-8625, Type III, Class 2

**Lens** - Fused Silica or Quartz

**Seals** - Silicone, Buna

**Connector** - Glass-reinforced epoxy (GRE)

**Connector Pins** - Beryllium Copper

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### ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on

**+44 (0)1772 687775**

Alternatively you can place a quote request through our website

[http://www.smp-ltd.co.uk/](http://www.smp-ltd.co.uk) or send an email to [sales@smp-ltd.co.uk](mailto:sales@smp-ltd.co.uk)