



## Submarine Manufacturing & Products Limited

+44 (0)1772 687775   info@smp-ltd.co.uk   www.smp-ltd.com  
Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

### PRODUCT DATASHEET BIRNS Snooper III



#### THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

#### OVERVIEW

This incredible multi-purpose light blazes with up to 33,000 lumens and has a choice of 400 to 1,200W lamps and four different lens options – so it's perfect for a vast range of marine and deep sea applications.Â



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### DESCRIPTION

This incredible multi-purpose light blazes with up to 33,000 lumens and has a choice of 400 to 1,200W lamps and four different lens options – so it’s perfect for a vast range of marine and deep sea applications. With a robust, bulletproof lens and reinforced tempered cast body, it can be hand held or yoke mounted to practically any surface or vehicle for decades of powerful underwater illumination.

### FEATURES

- Brilliant 33,000 lumen, 3250K illumination – highly polished internal parabolic reflector, with high-output Tungsten-Halogen lamp in focal point
- Bulletproof lens, reinforced tempered cast hard black anodized aluminum body with mechanical impact protection and four sealing operations.
- Versatility of configuring options include 4 lenses, 3 mounts, and 10+ lamps
- Color-coded Teflon-insulated high-temperature wire

### SPECIFICATION

#### PHYSICAL

- Length** - 237 mm (9.3 in)
- Width** - 174 mm (6.9 in) with yoke; 165 mm (6.5 in) without yoke
- Weight in Air** - 3.6 Kg (8.0 lb) with yoke; 3.2 Kg (7.0 lbs) with handgrip
- Weight in Water** - 1.5 Kg (3.3 lb) with yoke; 0.8 Kg (1.8 lbs) with handgrip

#### LIGHTING/PHOTOMETRIC

- Lamp Type** - Tungsten-Halogen, G9.5 base
- Time To Full Brightness** - <1 second after application of power
- Operating Position** - Universal
- Dimming Range** - 0-100%

#### ENVIRONMENTAL


- Protection Level** - IP 68
- Depth Rating** - 3000 M (10,000 FSW)

#### ELECTRICAL

- Cable Size** - 14 AWG Type SOOW, 3 conductor (standard)
- Cable Current Rating** - 15 amperes maximum
- Cable Voltage Rating** - 600 volts maximum



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### MATERIALS

**All Housing Parts** - 356 Aluminum, hard black anodized per MIL-A-8625 Type III Class 2, vacuum impregnated per MIL-STD-276, and 6409-4742-Z enamel painted

**Lens** - Tempered borosilicate glass

**Wiring** - Color-coded Teflon-insulated high-temperature wire

**Seals** - Nitrile (Buna N) compound N674-70

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

**Connector Pins** - Copper Alloy C36000, gold-plated per MIL-G-45204

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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)