



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 II



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

OVERVIEW

Â This popular multi-purpose light has a choice of 600 to 1,000W 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

Â This popular multi-purpose light has a choice of 600 to 1,000W lamps and four different lens options so it's perfect for a vast range of marine and deep sea applications. It can be hand held or yoke mounted to practically any surface or vehicle for reliable and powerful underwater illumination.

FEATURES

- â€¢ Brilliant 3200K illumination highly polished internal parabolic reflector, with high-output Tungsten-Halogen lamp in focal point
- â€¢ Bulletproof lens, reinforced, tempered cast body with mechanical impact protection and four sealing operations
- â€¢ Optional customization to fit a wide range of demanding applications
- â€¢ Versatility of configuring options include 4 lenses, 3 mounts, and 6+ lamps

SPECIFICATION

PHYSICAL

- Length** - 235 mm (9.25 in.)
- Width** - 178 mm (7.0 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** - Double-ended Tungsten-Halogen, RSC base, CC-6 filament
- Time To Full Brightness** - <1 second after application of power
- Operating Position** - Universal (i.e. any position)
- Dimming Range** - 0-100%
- Correlated Color Temp** - 3000K, 3200K, 3250K, 3400K, depending on installed lamp
- Lenses** - clear, frosted (diffusion), blue (dichroic), blue-frosted
- Beam angle** - clear lens: 35o ; frosted lens: 45o

ENVIRONMENTAL




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

ELECTRICAL

- Input Voltage** - 120 or 240 VAC/VDC (standard), depending on installed lamp Lamp wattage: 300, 400, 600, 800, 1000, depending on installed lamp
- Supply Frequency** - 60 Hz standard; 50 Hz OK



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Cable Size - 14 AWG type SO, 3 conductor (standard)

Cable Current Rating - 15 amperes maximum

Cable Voltage Rating - 600 volts maximum

MATERIALS

All Housing Parts - 356 Cast Aluminum, hard black anodized IAW MIL-A-8625 Type III Class 2, vacuum impregnated IAW 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 - Brass 360 per ASTM B16, gold-plated per MIL-G-45204

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