



SNOOPER III™

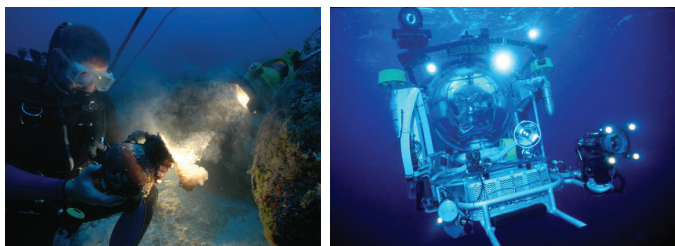
The new BIRNS Snooper III™, (NSN 6230-01-025-5628) is an intensely brilliant 3km-rated, 33,000 lumen underwater work light. Unmatched in durability and dependability, the BIRNS Snooper III is extremely durable and dependable, proven by decades of experience—many BIRNS Snoopers in the field from the 1960s are still in use. Now with a new high performance lamp and reflector system* this powerful light delivers advanced illumination along with increased ease of use and maintenance.



High Performance . . . Under Pressure

This incredible multi-purpose light blazes at great depth, and now has a choice of 400 to 1,200W lamp 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 mounted to practically any surface or vehicle for decades of powerful underwater illumination.

It includes a choice of white light lamp, lens, and mount, with an available handgrip that is detachable—plus, the BIRNS Snooper III can mount on its mounting boss for maximum space savings and versatility. It features an instant ON/OFF and hot-restrike capability—no ballast necessary—and is available with a detachable CEF3S power cable assembly.



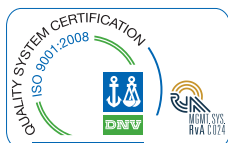
*Users can upgrade their legacy BIRNS Snooper II lights to the new BIRNS Snooper III system by ordering the BIRNS Snooper Conversion Kit (Item 36A-008) which provides the perfect option for upgrade without an entire system change.

EXCLUSIVE 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

APPLICATIONS

The BIRNS Snooper III is used by divers, on diving bells, submarines and ROVs across the world, and thanks to its extremely rugged fixture, is proven to stand up to heavy mechanical abuse. This highly customizable light also provides unmatched brilliant illumination options for underwater filming and photography.



BIRNS' Quality Management System is
ISO 9001:2008 Certified

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*High Performance . . .
Under Pressure*

SPECIFICATIONS

ORDERING INFORMATION: Model 5570

Step 1: Select a lamp.

Available Lamps

V	W	Item	Lumens	Life (hr)
115	400	32E-019	8,500	1500
120	500	32E-020	10,000	2000
115	575	32E-021	16,500	300
115	575	32E-022	12,800	1500
120	750	32E-023	20,400	300
120	750	32E-024	15,400	2000
120	1000	32E-014	27,500	375
120	1200	32E-025	33,000	200
240	500	32E-016	10,500	400
240	700	32E-017	18,000	350
240	1000	32E-018	25,500	300

Step 2: Select a lens.

Available Lenses

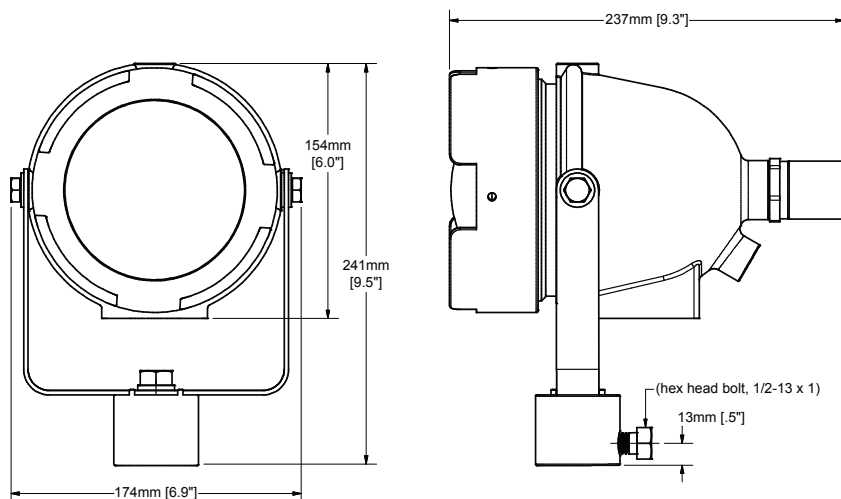
Description	Item	Purpose
Clear	35A-001	General illumination
Blue	35A-002	Reduces backscatter
Frosted	35A-003	Diffuses light; good for video
Blue-frosted	35A-004	Good for video in murky water

Step 3: Select optional mount(s).

Description	Item	Purpose
None	-	Low-profile mounting
Yoke assembly	44A-003	Swivel/Tilt mounting
Handgrip	44B-008	Hand-held diver use

Step 4: Select cable length.

CEF3S14-xxx: Power cable assembly,
xxx feet long (≤1,000 feet).



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

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



Lenses: Blue, Blue Frosted, Clear, Frosted



Pictured: S.S. Yoke, BIRNS Snooper III, Handgrip