



5567 BIRNS Snooper II™

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: 35°; frosted lens: 45°

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
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