



## **4132 BIRNS General-Area Chamber Light™**

### **PHYSICAL-**

Height:	109 mm (4.3 in.)
Diameter of body:	Ø81 mm (Ø3.2 in.)
Diameter of base:	Ø122 mm (Ø4.8 in.)
Mounting holes:	2 x Ø6.1 mm (Ø.24 in.) holes on Ø97 mm (Ø3.82 in.) bolt circle
Weight in Air:	544 g (1.2 lb)

### **LIGHTING/PHOTOMETRIC -**

Lamp Type:	Incandescent Tungsten-halogen
Time To Full Brightness:	<1 second after application of power
Operating Position:	Universal (i.e. any position)
Light Output:	402 initial lumens, depending on installed lamp
Dimming Range <sup>1</sup> :	0-100%
Correlated Color Temp.:	Approximately 3,000 K, depending on installed lamp

### **ENVIRONMENTAL -**

Protection Level:	IP 68
Depth Rating:	300 M (1,000 FSW)
Helium Release Valve Cracking pressure:	5 ± 1 PSI (0.34 ± 0.07 bar)
Helium Release Valve Resealing pressure:	4 ± 1 PSI (0.28 ± 0.07 bar)

### **ELECTRICAL -**

Input Voltage:	12 or 24 VAC/VDC (standard), depending on installed lamp
Lamp wattage:	7.5w to 28w, depending on installed lamp
Supply Frequency:	60 Hz standard; 50 Hz OK
Cable Size:	16 AWG type SO, 3 conductor (standard)
Cable Current Rating:	12 amperes maximum
Cable Voltage Rating:	600 volts maximum
Ground (Earth) wire size:	16 AWG; case ground to housing



## MATERIALS -

All Housing Parts:	6061 Aluminum, hard black anodized per MIL-A-8625, Type III, Class 2
Lens:	Tempered Borosilicate glass
Lens Gasket:	Silicone Rubber
O-ring seals:	Nitrile (Buna N), compound N674-70
Penetrator:	Brass
Butt Connector:	Insulated with Nylon (Meets MIL-T-7928)
Eye Lug:	Insulated with Vinyl
Lamp Socket Assembly:	Base: cadmium-plated steel; Wire insulation: PVC (UL 1015); Mounting washer: NEMA grade Phenolic
Cable:	cable is jacketed with CPE and insulated with EPR