# 4132 BIRNS General-Area Chamber Light-LED™

## 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: | LED (15 High Output LED elements) |
| Time To Full Brightness: | <1 second after application of power |
| Operating Position: | Universal (i.e. any position) |
| Light Output: | 120 Lumens |
| Lamp Life rating: | 50,000 hours |
| Correlated Color Temp.: | 3500 K |

## 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

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|---|---|
| Input Voltage: | 12-28 VAC *or* 15-40 VDC |
| Power consumption: | <1W |
| Current draw: | 100 mA |
| 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 |

![BIRNS logo]

## MATERIALS

| | |
|---|---|
| Housing Parts: | 6061 Aluminum, hard black anodized per MIL-A-8625, Type III, Class 2 |
| Lens: | Tempered Borosilicate glass |
| Lens Gasket: | Silicone Rubber |
| Lens Protector: | 300-series stainless steel |
| 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 |

## MODELS

| | |
|---|---|
| 4132 | LED, with 1.8m (6') power cable installed |
| 4133 | LED, with 1.8m (6') power cable and On/Off switch installed |
| 4134 | LED, with 1.8m (6') power cable, with male connector and 63A-013 SS locking sleeve installed on the cable |
| 4135 | LED, with 1.8m (6') power cable, On/Off switch, and male connector and 63A-013 SS locking sleeve installed on the cable |