

# INDUCTION - Hazardous Location Fixtures - 102 Series

100,000 Hrs Life

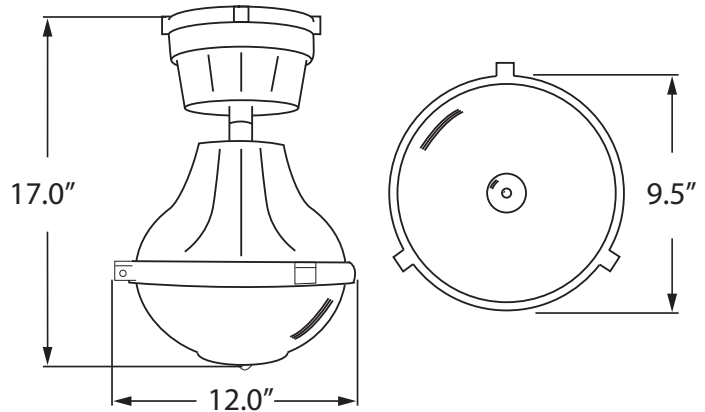
The Next Generation of Lighting



Ceiling Mount



Circular Induction Lamp  
Inside



## Specification:

- Ballast Type	Electronic
- Start Method	InstantON
- Hot Re-start	InstantON
- Universal Input Line Voltage	120-277 VAC
- Input Line Frequency	50/60 Hz
- Lamp/Ballast System Life	100,000 Hrs.
- Lumen Maintenance @75,000Hrs	>70%
- Color Temperature	5000°K
- Color Rendering Index (CRI)	83
- Minimum Starting Temperature	-20°F
- Maximum Operating Temperature	160°F
- Lamp Operating Frequency	250 kHz
- Power Factor	> 0.98
- Total Harmonic Distortion	< 10%
- Inrush Current Peak	< 10 Amp
- FCC Compliance	Part 18, Subp. C

## Applications, Features, and Benefits

- Hazardous Location Security Light - Ceiling Mount
- Aluminum cast housing with electrocoat grey paint
- Heat & Impact resistant glass lens
- Hinged ballast housing for ease of installation and maintenance
- Hazardous Location Compliant
- Ballast made of long life components
- InstantON(TM) flicker-free Cold Start and Hot Re-Start
- Correlated Color Temperature of 5000°K for greater visibility
- High Power Factor, Low THD Replaceable Ballast
- Concealed continuous gasket seals against harmful dust, dirt, moisture and insects
- IP65 Rated for wet locations
- Advanced phosphors for high Lumen Maintenance and high lumen output
- Aluminum Anodized reflector for superior long term performance
- Up to 20 years Maintenance free operation
- Ideal replacements for MH and HPS lighting systems
- 10 Year Warranty

## Product Information

Item No.	Description	Watts	Initial Lumens	Line Voltage Supply	Line Current	Total Harmonic Distortion (THD)	Power Factor	Packaging Dimensions		
								Width	Length	Height
102040	Hazardous Location Fixtures	40	3,200	120-277 VAC	0.34-0.15 Amp	<10%	0.98	12 in. 308 mm	12 in. 308 mm	20 in. 508 mm
102080	Hazardous Location Fixtures	80	6,400	120-277 VAC	0.69-0.30 Amp	<10%	0.98	12 in. 308 mm	12 in. 308 mm	20 in. 508 mm
102100	Hazardous Location Fixtures	100	8,000	120-277 VAC	0.75-0.35 Amp	<10%	0.98	12 in. 308 mm	12 in. 308 mm	20 in. 508 mm

Fixture Weight = 12-18 lbs.

## Ordering Information

(SAMPLE NUMBER : 102040-UNV-DGRY)

**Series**  
102 = Hazardous Location

**Wattage**  
040 = 40W  
080 = 80W  
100 = 100W

**Voltage**  
UNV = Universal 120-277V

**Color**  
DGRY = Dark Gray  
\* custom colors available

**NEPTUN**  
LIGHTING®

Spec. Rev. 1-2012