

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's Hazardous Location Induction fixtures combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The 101 series fixtures feature a high CRI and bright white 5000°K color temperature for increased safety and security. It can replace existing HID fixtures up to 175W.

APPLICATION

- Security Lighting
- Industrial Lighting
- Harbor Lighting
- Processing Plant Lighting
- Area Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Custom designed anodized aluminum reflectors for superior illuminance.
- Heat and impact resistant internally fluted glass lens.
- Corrosion resistant electrocoat gray finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Continuous silicone gasketing surrounds lens for weather - tight seal.
- Inductively coupled U-Type induction bulb.
- High power factor, low THD electronic ballast.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High quality glare-free light with high CRI above (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation.
- 10 Year Warranty.

ORDERING INFORMATION

Sample Number: 101050-UNV-850-GRY
 Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
101 = Hazardous Locations	050 = 50 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K* * Standard	GRY = Gray * Custom Colors Available



PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
101050-UNV	Hazardous Location Fixture	50	51	3,500	120-277	0.46-0.21	<10%	0.98	12 lbs

SPECIFICATIONS

- Ballast Type Electronic
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Lamp Operating Frequency 250 kHz
- Ballast Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- 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 Starting Temperature 160°F
- Lumens per Watt 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 10%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- IP Rating IP65
- Warranty 10 Year

MOUNTING OPTIONS

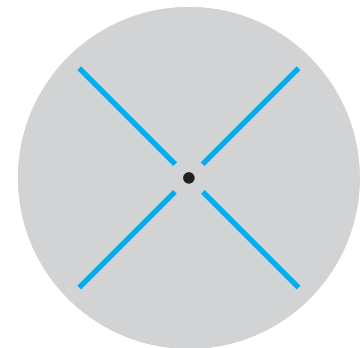
Wall Mount



Ceiling Mount



PHOTOMETRICS (See Complete IES File)



Type V Distribution