

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 103 series fixture is offered in a variety of wattages and mounting options to provide maximum flexibility in all types of applications. 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 fluted glass lens.
- Integral structural support plate for mounting arm ensures strength.
- Corrosion resistant electrocoat silver 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: 103050-UNV-850-PDM-SLV  
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Mounting	Color Temp	Color
<b>103</b> = Hazardous Location	<b>050</b> = 50 W <b>065</b> = 65 W <b>080</b> = 80 W	<b>UNV</b> = 120-277 VAC	<b>PDM</b> = Pendant Mount <b>CLM</b> = Ceiling Mount <b>WLM</b> = Wall Mount <b>STM</b> = Stanchion Mount - Strait <b>STM25</b> = Stanchion Mount - 25° * See Pg. 2 for mounting options	<b>830</b> = 3000°K <b>841</b> = 4100°K <b>850</b> = 5000°K * * Standard	<b>SLV</b> = Silver * Custom Colors Available



### PRODUCT INFORMATION

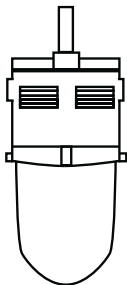
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
103050-UNV	Hazardous Location Fixture	50	51	3,600	120-277	0.46-0.21	<10%	0.98	28 lbs
103065-UNV	Hazardous Location Fixture	65	67	5,200	120-277	0.56-0.24	<10%	0.98	28 lbs
103080-UNV	Hazardous Location Fixture	80	82	6,400	120-277	0.72-0.30	<10%	0.98	28 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

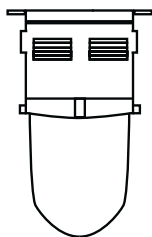
### MOUNTING OPTIONS

**Pendant Mount**  
(PDM)

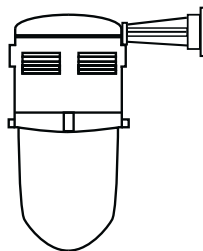


Accepts 3/4" NPT

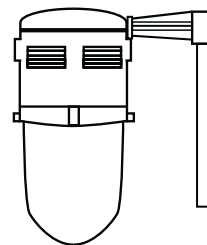
**Ceiling Mount**  
(CLM)



**Wall Mount**  
(WLM)

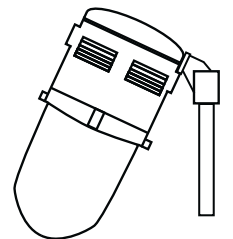


**Stanchion Mount**  
(STM)



Accepts 1-1/4" NPT

**Stanchion Mount - 25°**  
(STM25)



Accepts 1-1/4" NPT