

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 & HPS 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 with surge protection.
- 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 with 10 Year Warranty.

ORDERING INFORMATION

Sample Number: 103050-UNV-PDM-850-SLV
Custom options and accessories available. Please consult factory

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



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PRODUCT INFORMATION

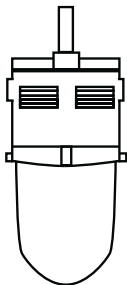
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
103050-UNV	Hazardous Location Fixture	50	51	3,600	120-277	0.46-0.21	<10%	0.98	28 lbs
103065-UNV	Hazardous Location Fixture	65	67	5,200	120-277	0.56-0.24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

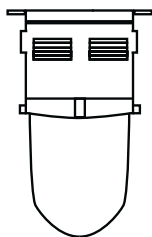
MOUNTING OPTIONS

Pendant Mount
(PDM)

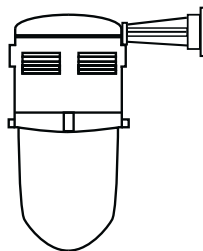


Accepts 3/4" NPT

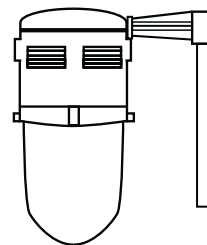
Ceiling Mount
(CLM)



Wall Mount
(WLM)

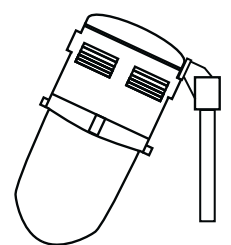


Stanchion Mount
(STM)



Accepts 1-1/4" NPT

Stanchion Mount - 25°
(STM25)



Accepts 1-1/4" NPT

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Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.
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