

Incredible **100,000 hrs**

GENERAL DESCRIPTION

Neptun's 16" Induction flood fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The 16 series flood 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 400W.

APPLICATION

- Parking Lot Lighting
- Car Lot Lighting
- Area & Storage Lighting
- Street Lighting
- Walkway Lighting
- Building Accent Lighting
- Sign / Monument Lighting

STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Custom designed anodized aluminum reflectors for superior illuminance.
- Heat and impact resistant tempered flat glass lens. (IESNA full-cutoff)
- Integral structural support plate for mounting arm ensures strength.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Continuous silicone gasketing surrounds lens for weather - tight seal.
- Inductively coupled circular 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.
- 10 Year Warranty.

ORDERING INFORMATION

Sample Number: 38080-UNV-850-SF-LD-BRZ
 Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Mounting	Accessories	Finish
38 = 16" Flood	080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 200 = 200 W	UNV = Universal 480 = 480 V	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	SF = Slip Fitter YK = Yoke Bracket	LD = Light Detector/Photocell MD = Motion Sensor Detector	BRZ = Dark Bronze * Custom Colors Available



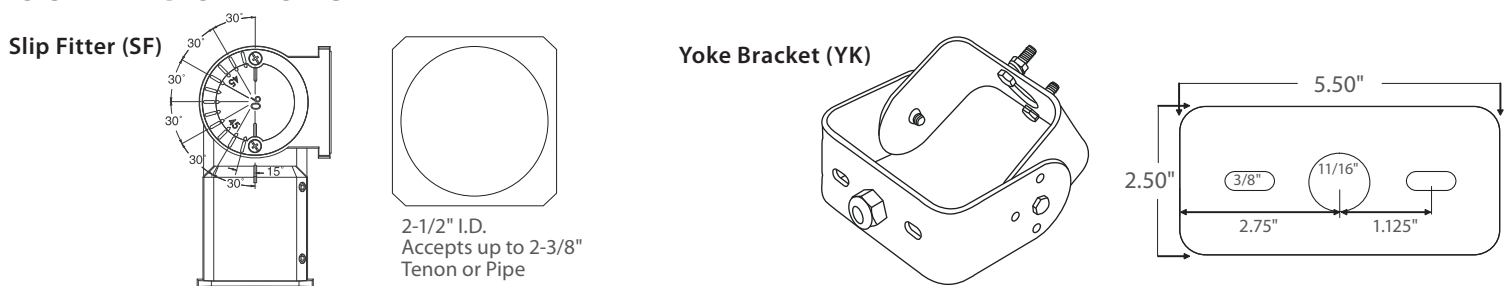
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp)	THD	Power Factor	Weight
38080	16" FLOOD Fixture	80	82	6,400	120-277	0.69-0.30	<10%	0.98	25 lbs
38100	16" FLOOD Fixture	100	105	8,000	120-277	0.87-0.37	<10%	0.98	25 lbs
38120	16" FLOOD Fixture	120	125	9,600	120-277	1.05-0.45	<10%	0.98	26 lbs
38150	16" FLOOD Fixture	150	158	12,000	120-277	1.31-0.56	<10%	0.98	26 lbs
38200	16" FLOOD Fixture	200	210	16,000	120-277	1.75-0.75	<10%	0.98	26 lbs

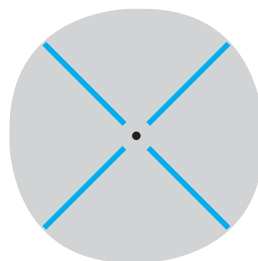
SPECIFICATIONS

- 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
- Initial 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
- EPA Rating 0.78
- IP Rating IP65
- Warranty 10 Year

MOUNTING OPTIONS



PHOTOMETRICS (See Complete IES File)



Type V Distribution