

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 38 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 & HPS 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 with 10 Year Warranty.
- **Optional:** DC 24V Operation - Solar Compatible

### ORDERING INFORMATION

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

Series	Wattage	Voltage	Mounting	Color Temp	Accessories	Color
38 = 16" Flood	080 = 80 W 100 = 100 W 120 = 120 W 150 = 150 W 200 = 200 W	UNV = 120-277 VAC 347 V = 347 VAC 480 V = 480 VAC 24VDC = 24V DC * * up to 100W only	SF = Slip Fitter YK = Yoke Bracket	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	LD = Light Detector/Photocell MD = Motion Sensor Detector FSGS = Front Side Glare Shield	BRZ = Dark Bronze * Custom Colors Available



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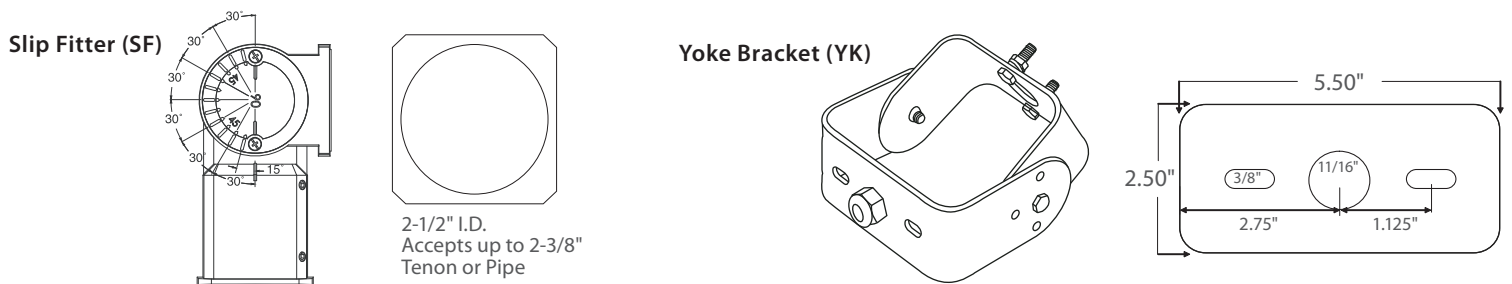
### PRODUCT INFORMATION

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

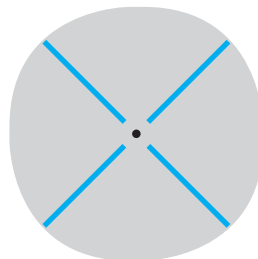
### SPECIFICATIONS

- 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

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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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