

Incredible **100,000 hrs**

## GENERAL DESCRIPTION

Neptun's Induction Flood fixtures features classic form and durability to make it an excellent choice for new construction or retrofit applications. The 50 series flood features a high-impact internally fluted glass reflector/lens and adjustable yoke bracket mount. It can replace existing HID & HPS fixtures up to 250W.

## APPLICATION

- Building Accent Lighting
- Landscape Lighting
- Sign Lighting
- Flag Pole Lighting
- Security Lighting
- Area Lighting

## STRUCTURE, MATERIALS, & FEATURES

- Heavy-gauge, die-cast aluminum housing.
- Custom designed anodized aluminum reflectors for superior illuminance.
- Heat and impact resistant, tempered, internally grooved flat glass lens.
- Yoke bracket mounting to allow for adjustable tilt.
- Corrosion resistant electrocoat grey 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: 50080-UNV-850-GRY  
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
50 = Flood Light Fixture	080 = 80 W 100 = 100 W 120 = 120 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K* * Standard	GRY = Grey * Custom Colors Available



## PRODUCT INFORMATION

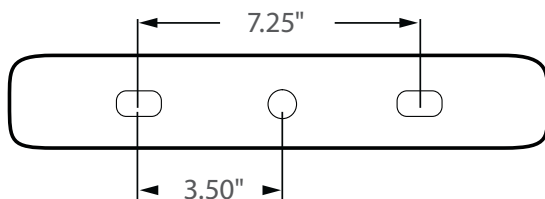
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
50080-UNV	Flood Fixture	80	82	6,800	120-277	0.69-0.30	<10%	0.98	20 lbs
50100-UNV	Flood Fixture	100	105	8,000	120-277	0.87-0.37	<10%	0.98	20 lbs
50120-UNV	Flood Fixture	120	125	9,600	120-277	1.05-0.45	<10%	0.98	20 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

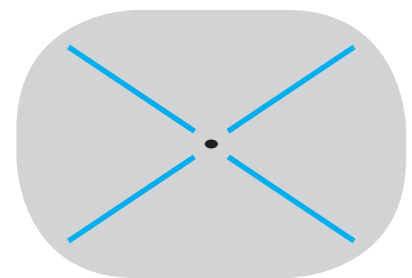
## MOUNTING OPTIONS

Yoke Bracket Mount



Adjustable Tilt Mounting Arm Included

## PHOTOMETRICS (See Complete IES File)



Type V Distribution