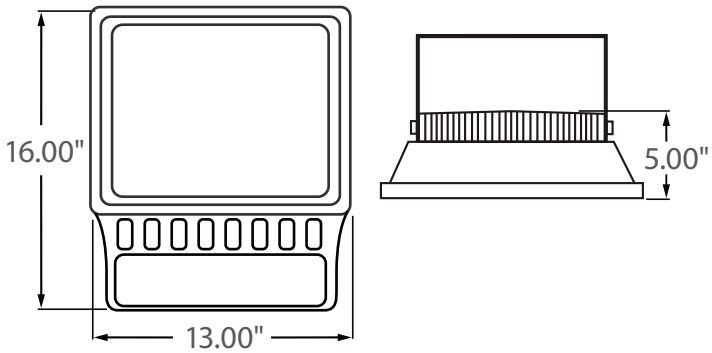
NEPTUN LIGHT

Solar Compatible LED
FLOOD FIXTURES

24VDC OPERATION



Incredible OFF GRID Operation

GENERAL DESCRIPTION

Neptun's LED Flood fixtures feature classic form and durability to make it an excellent choice for new construction or retrofit applications. Neptun's 50 series fixtures feature a bright white 5000°K color temperature for increased safety and security. The 24 Volt DC driver allows for compatible use with Solar or Wind powered systems. It can replace existing HID fixtures up to 250 Watts.

APPLICATION

- Building Accent Lighting
- Landscape Lighting
- Security Lighting
- Parking Lot Lighting
- Area Lighting
- Storage Area Lighting
- Sign Lighting

STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum finned heat sink for excellent thermal properties.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Heat and impact resistant frosted flat glass lens.
- Aluminum door frame incorporates stainless steel hardware.
- Adjustable yoke bracket mounting.
- Continuous silicone gasket surrounds lens for weather - tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 40 PCS High Output LED's.
- High power factor, 24 Volt DC driver.
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)

ORDERING INFORMATION

Sample Number: LED-50080-24VDC-750-GRY
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Color
LED = LED	**50** = Flood Light	**080** = 80 W **100** = 100 W **120** = 120 W **150** = 150 W	**24VDC** = 24VDC	**735** = 3500°K **741** = 4100°K **750** = 5000°K * * Standard	**GRY** = Grey * Custom Colors Available

LEAD FREE RoHS COMPLIANT

lightinnovations@work™

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PRODUCT INFORMATION

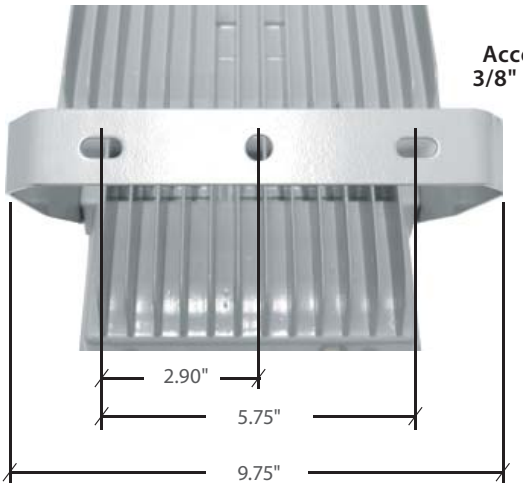
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
LED-50080-24VDC	LED Flood Fixture	80	82	6,400	24	3.49	>0.98	18 lbs
LED-50100-24VDC	LED Flood Fixture	100	102	7,800	24	4.37	>0.98	18 lbs
LED-50120-24VDC	LED Flood Fixture	120	122	9,000	24	5.25	>0.98	18 lbs
LED-50150-24VDC	LED Flood Fixture	150	152	10,800	24	6.56	>0.98	18 lbs

SPECIFICATIONS

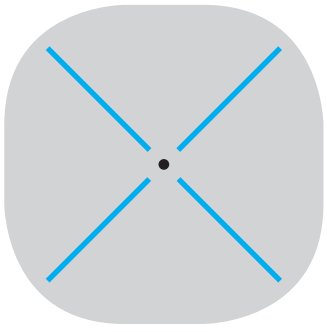
- LED Driver ..... Constant Current
- Power Supply 350mA
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Input Line Voltage ..... 24 VDC
- Input Line Frequency ..... 50/60 Hz
- Driver Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- LED / Driver System Life ..... 70,000 Hrs.
- Lumen Maintenance @50,000Hrs ..... > 70%
- Color Temperature ..... 5000°K
- Color Rendering Index (CRI) ..... > 70
- Minimum Starting Temperature ..... -40°C
- Maximum Starting Temperature ..... 50°C
- Lumens per Watt ..... > 70
- Power Factor ..... > 0.98
- Shock / Vibration Resistant ..... Yes
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 18, Subp. C
- IP Rating IP65
- Warranty ..... 5 Year

MOUNTING OPTIONS

Yoke Mount



PHOTOMETRICS (See Complete IES File)



Type V Distribution

Neptun Light, Inc.
13950 Business Center Drive
Lake Forest, IL 60045
Fax: 847.735.8004

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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