



Product Dimensions

| Wattage | E26 (L) | E40 (L) | Width (W) |
|---------|-----------|-----------|-----------|
| 15W | 6.75 in. | 7.25 in. | 2.75 in. |
| 20W | 7.50 in. | 8.00 in. | 2.75 in. |
| 25W | 8.25 in. | 8.75 in. | 3.75 in. |
| 30W | 8.25 in. | 8.75 in. | 3.75 in. |
| 35W | 9.25 in. | 9.75 in. | 3.75 in. |
| 40W | 9.25 in. | 9.75 in. | 3.75 in. |
| 60W | 10.00 in. | 10.50 in. | 4.25 in. |

Incredible **70,000 hrs**

GENERAL DESCRIPTION

Neptun's LED retrofit lamp is designed for use in a variety of applications to replace existing HID or HPS lamps. The LED-N148 series retrofit lamp features excellent optics for increased visibility and security with a 360° light engine to evenly illuminate area. Offered in a variety of color temperatures to closely resemble HID or HPS style bulbs. Can replace existing HID & HPS lamps up to 175 Watts.

APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures
- Bollard Fixtures
- Wall Pack Fixtures
- Canopy Fixtures

STRUCTURE, MATERIALS, & FEATURES

- Cast aluminum heat sink.
- High efficiency, heat and impact resistant, UV protected, non yellowing polycarbonate lens / refractor.
- Internally driven (self-ballasted) driver for easy installation.
- High Output LED's.
- High power factor, low THD driver.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- Bright white light (5000°K) for greater visibility and safety.
- LED engine design with Advanced Thermal Management.
- Up to 15 year maintenance free operation.
- 5 Year Warranty.

ORDERING INFORMATION

Sample Number: LED-N148015-UNV-850-E26
Custom options and accessories available. Please consult factory

| Source | Series | Wattage | Voltage | Color Temp | Base |
|-----------|----------------------|--|-------------------|--|---------------------------------------|
| LED = LED | N148 = Retrofit Lamp | 015 = 15 W 020 = 20 W 025 = 25 W 030 = 30 W 035 = 35 W 040 = 40 W 060 = 60 W | UNV = 120-277 VAC | 830 = 3000°K 841 = 4100°K 850 = 5000°K | E26 = Medium Base E40 = Mogul Base |



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 |
|-----------------|-------------------|-------------|-------------|----------------|------------------------------|------------------------------------|------|--------------|---------|
| LED-N148015-UNV | LED Retrofit Lamp | 15 | 16 | 1,500 | 120-277 | 0.13 - 0.06 | <20% | >0.90 | 0.5 lb |
| LED-N148020-UNV | LED Retrofit Lamp | 20 | 21 | 2,000 | 120-277 | 0.14 - 0.07 | <20% | >0.90 | 0.5 lb |
| LED-N148025-UNV | LED Retrofit Lamp | 25 | 26 | 2,500 | 120-277 | 0.21 - 0.09 | <20% | >0.90 | 0.75 lb |
| LED-N148030-UNV | LED Retrofit Lamp | 30 | 31 | 3,000 | 120-277 | 0.26 - 0.11 | <20% | >0.90 | 0.75 lb |
| LED-N148035-UNV | LED Retrofit Lamp | 35 | 36 | 3,500 | 120-277 | 0.30 - 0.13 | <20% | >0.90 | 1 lb |
| LED-N148040-UNV | LED Retrofit Lamp | 40 | 41 | 4,000 | 120-277 | 0.34 - 0.15 | <20% | >0.90 | 1 lb |
| LED-N148060-UNV | LED Retrofit Lamp | 60 | 61 | 6,000 | 120-277 | 0.52 - 0.23 | <20% | >0.90 | 1 lb |

SPECIFICATIONS

- LED Driver Constant Current
- Power Supply 350mA
- Start Method InstantON
- Hot Re-start InstantON
- Universal Input Line Voltage 120-277 VAC
- Input Line Frequency 50/60 Hz
- Driver Off-State Draw 0 Watts
- Sound Rating Class A
- ANSI Surge Protection Class A
- LED / Driver System Life 70,000 Hrs.
- Lumen Maintenance @50,000Hrs > 70%
- Color Temperature 3000°K, 4100°K, 5000°K
- Color Rendering Index (CRI) > 80
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 95
- Shock / Vibration Resistant Yes
- Power Factor > 0.90
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- FCC Compliance Part 15, Subp. C
- ETL Listed / UL Standard 1993 Yes
- Warranty 5 Year

RECOMMENDED APPLICATION FIXTURES



- * Suitable for Universal Mounting options (15W-30W)
- * Suitable for Base Down Mounting only (35W-60W)
- * 2" (inch) spacing between housing and lamp
- * Contact Factory for Application Verification.

MOUNTING OPTIONS



Base Down

Base Up



Horizontal