



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 **50,000 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

## 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<br>020 = 20 W<br>025 = 25 W<br>030 = 30 W<br>035 = 35 W<br>040 = 40 W<br>060 = 60 W | UNV = 120-277 VAC | 830 = 3000°K<br>841 = 4100°K<br>850 = 5000°K | E26 = Medium Base<br>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
- Projected (L70) @ 85°C ..... > 50,000 hrs.
- 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 Base Down Mounting only
- \* 2" (inch) spacing between housing and lamp
- \* Contact Factory for Application Verification.

### MOUNTING OPTIONS



Base Down