



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 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
- 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