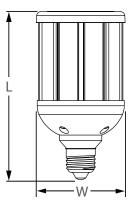


SELF-BALLASTED RETROFIT LAMPS





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
	-		1 1	-	H
LED = LED	N148 = Retrofit Lamp	015 = 15 W	UNV = 120-277 VAC	830 = 3000°K	E26 = Medium Base
	,	020 = 20 W		841 = 4100°K	E40 = Mogul Base
		025 = 25 W		850 = 5000°K	
		030 = 30 W			
		035 = 35 W			
		040 = 40 W			
		060 = 60 W			









SELF-BALLASTED RETROFIT LAMPS

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

SPECIFIC ATIONS

31 ECH ICATIONS			
· LED DriverCo	onstant Current ·	Color Rendering Index (CRI)	> 80
· Power Supply350	0mA ·	Minimum Starting Temperature	-40°C
Start Method	stantON ·	Maximum Starting Temperature	50°C
Hot Re-startIns	stantON ·	Lumens per Watt	> 95
· Universal Input Line Voltage 120		Shock / Vibration Resistant	
Input Line Frequency 50/	/60 Hz	Power Factor	> 0.90
Driver Off-State Draw0 V	Watts ·	Total Harmonic Distortion	< 20%
· Sound RatingCla	ass A ·	Inrush Current Peak	< 10 Amp
· LED / Driver System Life	,000 Hrs.	FCC Compliance	Part 15, Subp. C
· Lumen Maintenance @50,000Hrs> 7	70%	ETL Listed / UL Standard 1993	Yes
· Color Temperature300	00°K, 4100°K, 5000°K ·	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