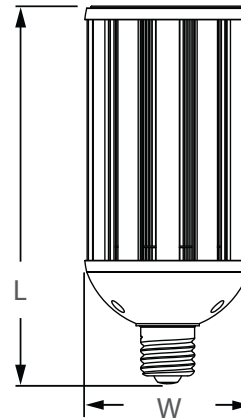


LED SELF-BALLASTED ACORN RETROFIT LAMPS



**UP TO 75%
ENERGY SAVINGS**



Product Dimensions

Wattage	E40 (L)	Width (W)
40W	12.00 in.	4.875 in.
60W	12.00 in.	4.875 in.
80W	12.00 in.	4.875 in.

Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's LED retrofit lamp is designed for use in decorative acorn style fixtures in retrofit or new fixture applications. The LED-248 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.
- 960 PCS 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-248040-UNV-850-E40
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	248 = Retrofit Lamp	040 = 40 W 060 = 60 W 080 = 80 W	UNV = 120-277 VAC	830 = 3000°K 841 = 4100°K 850 = 5000°K	E40 = Mogul Base



lightinnovations@work™

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-248040-UNV	LED Acorn Retrofit Lamp	40	41	3,600	120-277	0.34 - 0.15	<20%	>0.98	3 lbs
LED-248060-UNV	LED Acorn Retrofit Lamp	60	62	5,400	120-277	0.52 - 0.22	<20%	>0.98	3 lbs
LED-248080-UNV	LED Acorn Retrofit Lamp	80	82	7,200	120-277	0.69 - 0.30	<20%	>0.98	3 lbs

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 > 90
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 20%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

REPLACEMENT INFORMATION

Existing Light Source	Existing Wattage	LED Replacement Wattage	MODEL NO.
H.I.D. or H.P.S.	100	40	LED-248040-UNV
H.I.D. or H.P.S.	150	60	LED-248060-UNV
H.I.D. or H.P.S.	175	80	LED-248080-UNV

RECOMMENDED APPLICATION FIXTURES



- * Suitable for Base Down Applications only.
- * Must have at least 3" spacing between lamp and housing .
- * Contact Factory for Application Verification.



Base Down