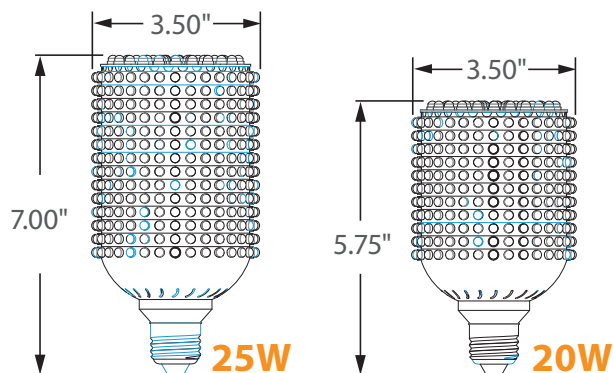




**UP TO 75%
ENERGY SAVINGS**



Incredible 70,000 hrs

GENERAL DESCRIPTION

Neptun's LED retrofit lamp is designed for use in decorative acorn style or bollard type fixtures. The LED-148 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 100 Watts.

APPLICATION

- Decorative Post Top Fixtures
- Decorative Acorn Fixtures
- Bollard 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-148020-UNV-750-E40
Custom options and accessories available. Please consult factory

Source	Series	Wattage	Voltage	Color Temp	Base
LED = LED	148 = Retrofit Lamp	020 = 20 W 025 = 25 W	UNV = 120-277 VAC	730 = 3000°K 741 = 4100°K 750 = 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-148020-UNV	LED Retrofit Lamp	20	21	1,700	120-277	0.14 - 0.07	<15%	>0.98	1 lb
LED-148025-UNV	LED Retrofit Lamp	25	26	2,125	120-277	0.21 - 0.09	<15%	>0.98	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) > 70
- Minimum Starting Temperature -40°C
- Maximum Starting Temperature 50°C
- Lumens per Watt > 80
- Shock / Vibration Resistant Yes
- Power Factor > 0.98
- Total Harmonic Distortion < 15%
- Inrush Current Peak < 10 Amp
- ETL Listed / UL Standard 1598 Yes
- FCC Compliance Part 18, Subp. C
- Warranty 5 Year

RECOMMENDED APPLICATION FIXTURES



- * Recommended for Base Down Applications.
- * Contact Factory for Application Verification.