LAMP INCLUDED

** AVAILABLE **

Bi-Level 100%	Dimming 50%
0 - 10V FULL DIMMING	

17.90"

43.25"

12.00"

14.00"
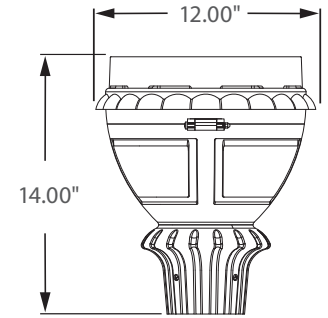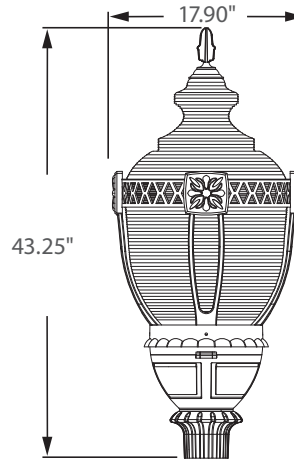
Incredible 75,000 hrs

GENERAL DESCRIPTION

Neptun's LED post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The LED-93 series offers excellent illumination and uniformity. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 250W.

APPLICATION

· Street Lighting
· Parking Lot Lighting
· Security Lighting
· Decorative Post-Top Lighting
· Area Lighting
· Walkway Lighting

STRUCTURE, MATERIALS, & FEATURES

· Fiberglass reinforced composite housing for excellent durability and strength.
· High Efficiency, heat and impact resistant, UV protected, non-yellowing polycarbonate refractor.
· Corrosion resistant electrocoat black finish (custom colors available).
· 3" I.D. Slip Fitter Accepts up to 2-7/8" Pipe or Tenon. (hardware included)
· Continuous silicone gasket surrounds lens for weather - tight seal.
· Supplied with 360° LED lamp.
· Driver with built in Neptun Surge Protective Device (NSPD) provides single phase protection for Line/Neutral, Line/Ground, and Neutral/Ground in accordance with IEEE C62.41 C High (10kV & 10kA).
· Instant-On flicker-free Cold Start and Hot Re-Start.
· Up to 15 year maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Bi-Level Dimming, Remote Monitoring and ON/OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-93040-UNV-850-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-93 = Post-Top Acorn Fixture	**040** = 40 W **060** = 60 W **080** = 80 W **100** = 100 W **120** = 120 W	**UNV** = 120-277 VAC **347V** = 347 VAC * **480V** = 480 VAC * **24VDC** = 24 VDC * ***** Available only in 80-100w units	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * ***** Includes Pole Mounted Motion Sensor ****** Options only available in 80-120W ******* Contact Factory for dimming options	**830** = 3000°K **841** = 4100°K **850** = 5000°K	**MDP** = Pole Mounted Motion Sensor ON/OFF	**BLK** = Black ***** Custom Colors Available

RoHS

*light*innovations@work™

NEPTUN L I G H T

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-93040-UNV	Post-Top Acorn Fixture	40	41	3,200	120-277	0.34 - 0.15	<20%	>0.90	32 lbs
LED-93060-UNV	Post-Top Acorn Fixture	60	62	4,800	120-277	0.52 - 0.22	<20%	>0.90	32 lbs
LED-93080-UNV	Post-Top Acorn Fixture	80	82	6,400	120-277	0.69 - 0.30	<20%	>0.90	32 lbs
LED-93100-UNV	Post-Top Acorn Fixture	100	102	8,000	120-277	0.87 - 0.37	<20%	>0.90	32 lbs
LED-93120-UNV	Post-Top Acorn Fixture	120	122	9,600	120-277	1.05 - 0.45	<20%	>0.90	32 lbs

SPECIFICATIONS

- Driver . . . . . Constant Current
- Start Method . . . . . InstantON
- Hot Re-start . . . . . InstantON
- Power Supply 350mA
- Driver UL Rating . . . . . Class 1
- Driver UL Outdoor Rated . . . . . Wet Location
- Sound Rating . . . . . Class A
- ANSI Surge Protection . . . . . IEEE C62.41 C High
- Current Crest Factor . . . . . 1.5 maximum
- Load Regulation: 5% output current variation across load range
- Line Regulation: 1% output voltage variation across voltage range
- Driver Off-State Draw . . . . . 0 Watts
- Vibration Compliance 3G
- Universal Input Line Voltage . . . . . 120-277 VAC
- Input Line Frequency . . . . . 50/60 Hz
- LED / Driver System Life . . . . . 75,000 Hrs.

- Lumen Maintenance @50,000Hrs . . . . . > 70%
- Color Temperature . . . . . 5,000°K
- Color Rendering Index (CRI) . . . . . > 80
- Minimum Starting Temperature . . . . . -40°C
- Maximum Starting Temperature . . . . . +50°C
- Lumens per Watt . . . . . > 80
- Shock / Vibration Resistant . . . . . Yes
- Power Factor . . . . . > 0.90
- Total Harmonic Distortion . . . . . < 20%
- Inrush Current Peak . . . . . < 10 Amp
- FCC Compliance . . . . . Part 15, Subp. C
- EPA Rating . . . . . 1.70 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
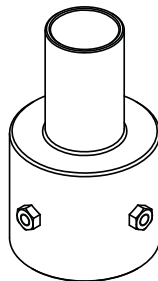- Warranty . . . . . 5 Year
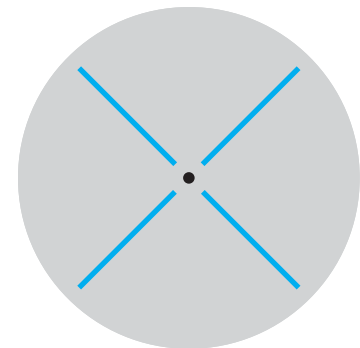
MOUNTING OPTIONS

SLIP-FIT MOUNT
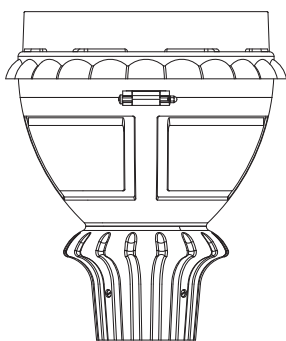
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)

Round Pole Tenon Reducers available for 3", 4", & 5" O.D. Poles

PHOTOMETRICS (See Complete IES File)

Type V Distribution

Spec. Rev. 1-2015