Dark Sky FRIENDLY

** AVAILABLE **
0 - 10V
FULL DIMMING

14.00"

37.00"

12.00"

12.00"
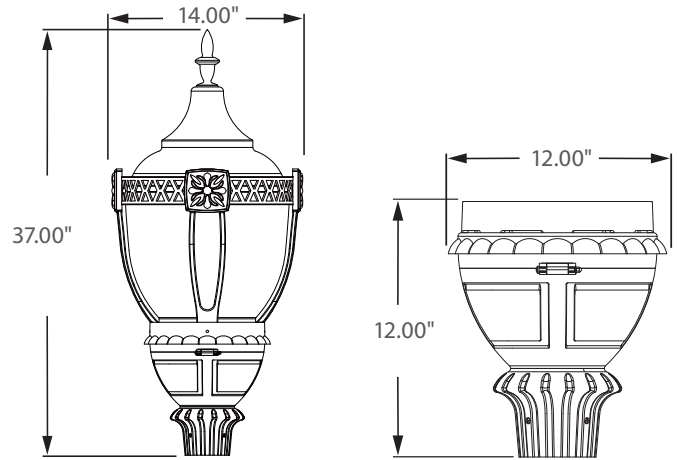
Incredible 100,000 hrs

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-94 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. 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.
· High Output COB LED's with borocilicate glass lens optics.
· High power factor, low THD driver with 6kV/3kA surge protection.   Optional 20kV/10kA surge protector available.
· 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, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-94040-UNV-0-10VDIM-850-LD-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-94 = 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	**0-10VDIM** = 0-10V Dimming ** Contact Factory for dimming options	**835** = 3500°K **841** = 4100°K **850** = 5000°K * * Standard	**LD** = NEMA Twist-Lock Photo-cell and receptical* **SP** = 20kV/10kA surge protector * Would mount in place of top finale	**BLK** = Black * Custom Colors Available

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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-94040-UNV	Post-Top Acorn Fixture	40	42	4,000	120-277	0.34 - 0.15	<20%	>0.90	35 lbs
LED-94060-UNV	Post-Top Acorn Fixture	60	62	6,000	120-277	0.52 - 0.22	<20%	>0.90	35 lbs
LED-94080-UNV	Post-Top Acorn Fixture	80	82	8,000	120-277	0.69 - 0.30	<20%	>0.90	35 lbs
LED-94100-UNV	Post-Top Acorn Fixture	100	102	10,000	120-277	0.87 - 0.37	<20%	>0.90	35 lbs
LED-94120-UNV	Post-Top Acorn Fixture	120	122	12,000	120-277	1.05 - 0.45	<20%	>0.90	35 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
- Projected (L70) @ 25°C . . . . > 100,000 hrs.

- Color Temperature . . . . 5,000°K
- Color Rendering Index (CRI) . . . . > 80
- Minimum Starting Temperature . . . . -40°C
- Maximum Starting Temperature . . . . +50°C
- Lumens per Watt . . . . > 100
- 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
- Optics IP Rating IP68
- Warranty . . . . 5 Year
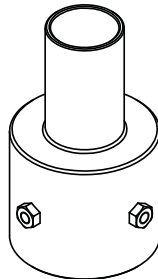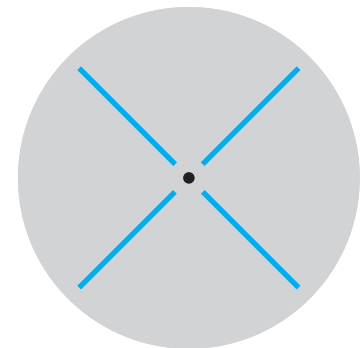
MOUNTING OPTIONS

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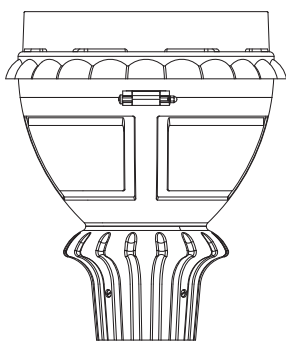
Accepts up to 2-7/8" O.D. Round Tenon or Pole

ARM:RPTR (contact factory)

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

PHOTOMETRICS (See Complete IES File)

Type V Distribution