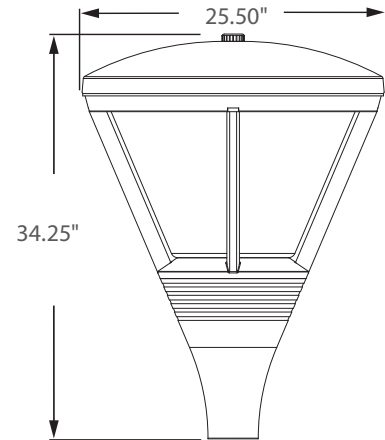**Dark Sky FRIENDLY**

** AVAILABLE **
0 - 10V
FULL DIMMING

25.50"

34.25"

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-92 series offers excellent illumination and uniformity. The full 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 400W.

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 20 year maintenance free operation.
· 5 Year Warranty on complete fixture. (LED's, Driver, & Housing)
· **Optional**: 0-10V Dimming, Wi-Fi Control, Remote Monitoring and ON/ OFF Control, DC 24V Operation - Solar Compatible

ORDERING INFORMATION

Sample Number: LED-92060-UNV-0-10VDIM-850-LD-BLK
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
LED-92 = Post-Top Acorn Fixture	**060** = 60 W **080** = 80 W **100** = 100 W **120** = 120 W **150** = 150 w	**UNV** = 120-277 VAC **347V** = 347 VAC **480V** = 480 VAC **24VDC** = 24 VDC * * Only available up to 100w	**0-10VDIM** = 0-10V Dimming **BL-DIM** = Bi-Level Dimming * * Includes Motion Sensor ** Contact Factory for dimming options	**830** = 3000°K **835** = 3500°K **841** = 4100°K **850** = 5000°K **AMB** = Amber (585-595nm)	**LD** = NEMA Twist-Lock Photocell & Receptacle **MD** = Motion Sensor ON/OFF **SP** = 20kV/10kA surge protector	**BLK** = Black * Custom Colors Available

PROUDLY MADE IN AMERICA
WITH DOMESTIC AND IMPORTED MATERIALS

RoHS COMPLIANT / LEAD FREE

*light*innovations@work™
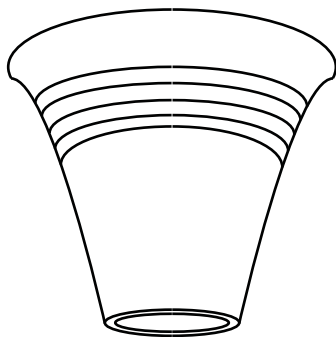
PRODUCT INFORMATION

Model No.	Description	Input Watts	Delivered Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) @ 120 - 277	THD	Power Factor	Weight
LED-92060-UNV	Post-Top Acorn Fixture	62	7,130	120-277	0.52 - 0.22	<20%	>0.90	38 lbs
LED-92080-UNV	Post-Top Acorn Fixture	82	9,430	120-277	0.69 - 0.30	<20%	>0.90	38 lbs
LED-92100-UNV	Post-Top Acorn Fixture	102	11,730	120-277	0.87 - 0.37	<20%	>0.90	38 lbs
LED-92120-UNV	Post-Top Acorn Fixture	122	14,030	120-277	1.05 - 0.45	<20%	>0.90	38 lbs
LED-92150-UNV	Post-Top Acorn Fixture	152	17,480	120-277	1.31 - 0.56	<20%	>0.90	38 lbs

SPECIFICATIONS

- Driver ....Constant Current
- Start Method ....InstantON
- Hot Re-start ....InstantON
- 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 ....Multiple (± 300°K)
- Color Rendering Index (CRI) ....> 80
- Minimum Starting Temperature ....-40°C
- Maximum Starting Temperature ....+50°C
- Lumens per Watt ....> 110
- Shock / Vibration Resistant ....Yes
- Power Factor ....> 0.95
- Total Harmonic Distortion ....< 15%
- Inrush Current Peak ....< 10 Amp
- FCC Compliance ....Part 15, Subp. C
- EPA Rating ....1.80 ft.²
- Housing IP Rating IP65
- Driver IP Rating IP67
- Optics IP Rating IP68
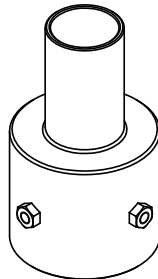- Warranty ....5 Year

MOUNTING OPTIONS
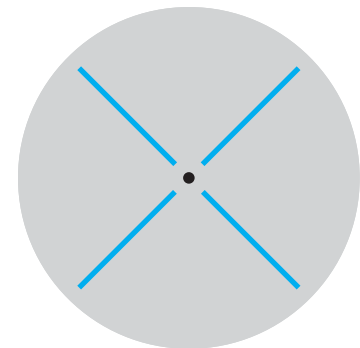
SLIP-FIT MOUNT

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

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Lake Forest, IL 60045
Fax: 847.735.8004

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