

Incredible **100,000 hrs**

## GENERAL DESCRIPTION

Neptun's Induction post top fixture features a traditional decorative style to make it an excellent choice for new construction or retrofit applications. The 91 series offers excellent illumination and uniformity. Offered in a variety of wattages, it can replace existing HID & HPS fixtures up to 200W.

## 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 gasketing surrounds lens for weather - tight seal.
- Inductively coupled U-Type Induction bulb.
- High power factor, low THD electronic ballast with surge protection.
- Instant-On flicker-free Cold Start and Hot Re-Start.
- High quality glare-free light with high CRI above (83).
- Bright white light (5000°K) for greater visibility and safety.
- Advance phosphors for high lumen output and high lumen maintenance.
- Up to 20 year maintenance free operation.
- 10 Year Warranty.
- **Optional:** DC 24V Operation - Solar Compatible

## ORDERING INFORMATION

Sample Number: 91050-UNV-850-BLK  
Custom options and accessories available. Please consult factory

Series	Wattage	Voltage	Color Temp	Color
91 = Acorn / Post Top	050 = 50 W 080 = 80 W 100 = 100W	UNV = 120-277 VAC 24VDC = 24V DC	830 = 3000°K 841 = 4100°K 850 = 5000°K * * Standard	BLK = Black * Custom Colors Available



lightinnovations@work™

## PRODUCT INFORMATION

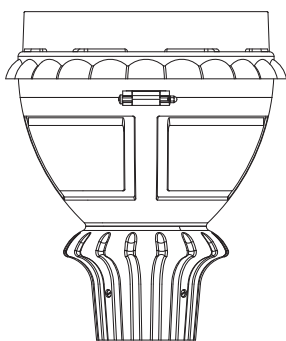
Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Universal Line Voltage (VAC)	Max Line Current (Amp) 120 - 277	THD	Power Factor	Weight
91050-UNV	Post-Top Acorn Fixture	50	51	3,500	120-277	0.46-0.21	<10%	0.98	38 lbs
91080-UNV	Post-Top Acorn Fixture	80	82	6,400	120-277	0.72-0.30	<10%	0.98	38 lbs
91100-UNV	Post-Top Acorn Fixture	100	105	8,000	120-277	0.87-0.37	<10%	0.98	38 lbs

## SPECIFICATIONS

- Ballast Type ..... Electronic
- Start Method ..... InstantON
- Hot Re-start ..... InstantON
- Universal Input Line Voltage ..... 120-277 VAC
- Input Line Frequency ..... 50/60 Hz
- Lamp Operating Frequency ..... 250 kHz
- Ballast Off-State Draw ..... 0 Watts
- Sound Rating ..... Class A
- ANSI Surge Protection ..... Class A
- Lamp / Ballast System Life ..... 100,000 Hrs.
- Lumen Maintenance @75,000Hrs ..... > 70%
- Color Temperature ..... 5000°K
- Color Rendering Index (CRI) ..... 83
- Minimum Starting Temperature ..... -20°F
- Maximum Starting Temperature ..... 160°F
- Lumens per Watt ..... 80
- Shock / Vibration Resistant ..... Yes
- Power Factor ..... > 0.98
- Total Harmonic Distortion ..... < 10%
- Inrush Current Peak ..... < 10 Amp
- ETL Listed / UL Standard 1598 ..... Yes
- FCC Compliance ..... Part 18, Subp. C
- IP Rating ..... IP65
- Warranty ..... 10 Year

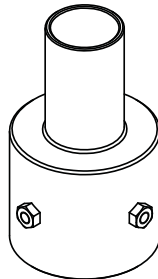
## MOUNTING OPTIONS

### SLIP-FIT MOUNT



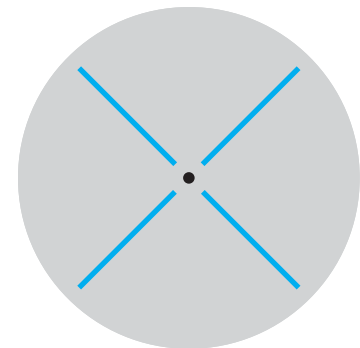
Accepts up to 2-7/8" O.D.  
Round Tenon or Pole

### ARM:RPTR (contact factory)



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

## PHOTOMETRICS (See Complete IES File)



Type V Distribution

Neptun Light, Inc.  
13950 Business Center Drive  
Lake Forest, IL 60045  
Fax: 847.735.8004

Neptun Light, Inc. reserves the right to change materials or modify the design of its product without notification as part of the company's continuing product improvement program.  
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