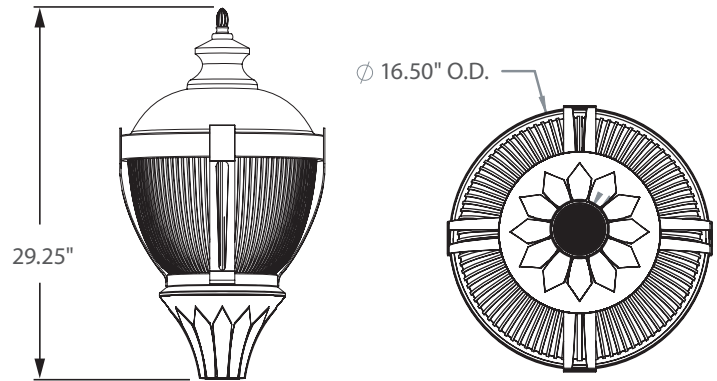## 24VDC OPERATION

Dark Sky **FRIENDLY**

⌀ 16.50" O.D.

29.25"

Incredible OFF GRID Operation

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 90 series offers excellent illumination and uniformity. The cut-off hood allows for use in Dark Sky applications. The 24 Volt DC driver allows for compatible use with Solar or Wind powered systems. It can replace existing HID fixtures up to 150W.

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, 24 Volt DC ballast.
· 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.

ORDERING INFORMATION

Sample Number: 90050-24VDC-850-BLK
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
90 = Acorn / Post Top	**50** = 50 W	**24VDC** = 24 VDC	**830** = 3000°K **841** = 4100°K **850** = 5000°K * * Standard	**BLK** = Black * Custom Colors Available

ETL LISTED US · RoHS COMPLIANT · LEAD FREE

lightinnovations@work™
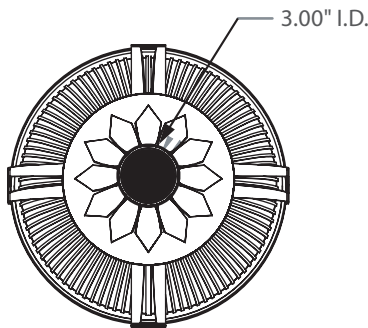
NEPTŪN
L I G H T

PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
90050-24VDC	Post Top Acorn Fixture	50	51	3,500	24	2.18	>0.98	28 lbs

SPECIFICATIONS

- Ballast Type . . . . Electronic
- Start Method . . . . InstantON
- Hot Re-start . . . . InstantON
- Input Line Voltage . . . . 24 VDC
- Input Line Frequency . . . . 50/60 Hz
- Lamp Operating Frequency . . . . 250 kHz
- Ballast Off-State Draw . . . . 0 Watts
- Sound Rating . . . . 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
- Initial Lumens per Watt 80
- Shock / Vibration Resistant . . . . Yes
- Power Factor . . . . > 0.98
- ETL Listed / UL Standard 1598 . . . . Yes
- FCC Compliance . . . . Part 18, Subp. C
- IP Rating IP65
- Warranty . . . . 10 Year

MOUNTING OPTIONS

SLIP-FIT MOUNT
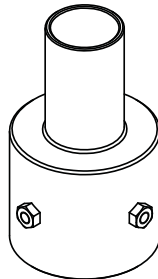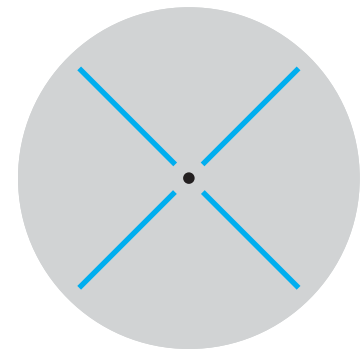
3.00" I.D.

**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

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Lake Forest, IL 60045
Fax: 847.735.8004**

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