24VDC OPERATION

17.60"

28.50"

Dark Sky FRIENDLY
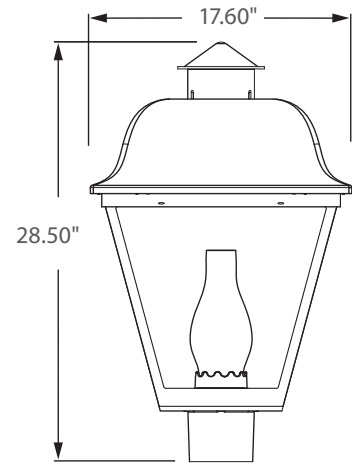
Incredible OFF GRID Operation

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 95 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. Offered in a variety of wattages, it can replace existing HID 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 clear polycarbonate globe and lens.
· 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: 95050-24VDC-850-BLK
Custom options and accessories available. Please consult factory

Series	Lamp Wattage	Voltage	Color Temp	Color
95 = Acorn / Post Top	**050** = 50 W **080** = 80 W **100** = 100 W	**24VDC** = 24 VDC	**830** = 3000°K **841** = 4100°K **850** = 5000°K * * Standard	**BLK** = Black * Custom Colors Available

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PRODUCT INFORMATION

Model No.	Description	Rated Watts	Input Watts	Initial Lumens	Input Line Voltage (VDC)	Max Line Current (Amp)	Power Factor	Weight
95050-24VDC	Post Top Acorn Fixture	50	51	3,500	24	2.18	>0.98	38 lbs
95080-24VDC	Post Top Acorn Fixture	80	82	6,400	24	3.49	>0.98	38 lbs
95100-24VDC	Post Top Acorn Fixture	100	105	8,000	24	4.37	>0.98	38 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

Reflector
Bulb
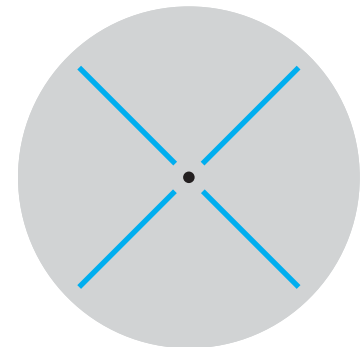Ballast
Globe
Slip-Fitter
Bolts
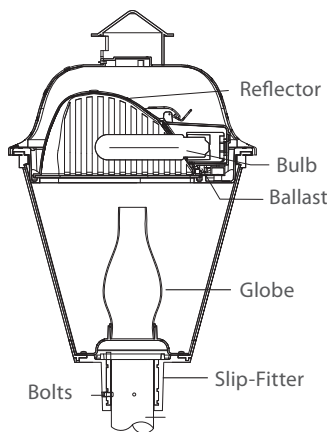
Accepts up to 2-7/8" O.D. Round Tenon or Pole

IOP-RPTR (contact factory)
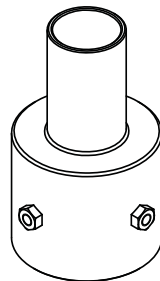
Round Pole Tenon Reducers available for 3", 4", & 5" O.D. Poles

PHOTOMETRICS (See Complete IES File)

Type V Distribution

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