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.
· Driver with built in Neptun Surge Protective Device (NSPD) provides single phase protection for Line/Neutral, Line/Ground, and Neutral/Ground in accordance with IEEE C62.41 C High (10kV & 10kA).
· 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, Bi-Level 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-MDP-BLK
Custom options and accessories available. Please consult factory
PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Rated Watts</th>
<th>Input Watts</th>
<th>Initial Lumens</th>
<th>Universal Line Voltage (VAC)</th>
<th>Max Line Current (Amp) @ 120 - 277</th>
<th>THD</th>
<th>Power Factor</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-92060-UNV</td>
<td>Post-Top Acorn Fixture</td>
<td>60</td>
<td>62</td>
<td>5,400</td>
<td>120-277</td>
<td>0.52 - 0.22</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>38 lbs</td>
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<tr>
<td>LED-92080-UNV</td>
<td>Post-Top Acorn Fixture</td>
<td>80</td>
<td>82</td>
<td>7,200</td>
<td>120-277</td>
<td>0.69 - 0.30</td>
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<td>&gt;0.90</td>
<td>38 lbs</td>
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<td>LED-92100-UNV</td>
<td>Post-Top Acorn Fixture</td>
<td>100</td>
<td>102</td>
<td>9,000</td>
<td>120-277</td>
<td>0.87 - 0.37</td>
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<td>LED-92120-UNV</td>
<td>Post-Top Acorn Fixture</td>
<td>120</td>
<td>122</td>
<td>10,800</td>
<td>120-277</td>
<td>1.05 - 0.45</td>
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<td>&gt;0.90</td>
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<tr>
<td>LED-92150-UNV</td>
<td>Post-Top Acorn Fixture</td>
<td>150</td>
<td>152</td>
<td>13,500</td>
<td>120-277</td>
<td>1.31 - 0.56</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
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</tbody>
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SPECIFICATIONS

- Driver: Constant Current
- Start Method: InstantON
- Hot Re-start: InstantON
- Power Supply: 350mA
- Driver UL Outdoor Rated: Wet Location
- 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
- LED / Driver System Life: 75,000 Hrs.
- Lumen Maintenance @50,000Hrs: > 70%
- Color Temperature: 5,000°K
- Color Rendering Index (CRI): > 80
- Minimum Starting Temperature: -40°C
- Maximum Starting Temperature: +50°C
- Lumens per Watt: > 80
- 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: 1.80 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

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

PHOTOMETRICS (See Complete IES File)

Type V Distribution