**GENERAL DESCRIPTION**

Neptun’s LED parking lot fixtures combine architectural form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-31 series fixture is offered in a variety of wattages to provide maximum flexibility in all types of applications. The High output LED’s and custom engineered optics provide excellent uniformity and efficiency. It can replace existing HID & HPS fixtures up to 400W

**APPLICATION**
- Parking Lot Lighting
- Street Lighting
- Walkway Lighting
- Area Lighting
- Security Lighting
- Storage Area Lighting

**STRUCTURE, MATERIALS, & FEATURES**
- Heavy-gauge, die-cast aluminum housing.
- Corrosion resistant electrocoat grey finish (custom colors available).
- Slim, state of the art, low profile design for minimum wind load resistance.
- Continuous silicone gasket surrounds lens for weather tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- 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).
- InstantON flicker-free Cold Start and Hot Re-Start.
- Up to 15 years Maintenance free operation.
- 10 Year Warranty on complete fixture. (LED’s, Driver, & Housing)

**OPTIONS**
- 0-10V Dimming, Bi-Level Dimming, Wi-Fi Control, Remote Monitoring and ON/OFF Control

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Series</th>
<th>Wattage</th>
<th>Voltage</th>
<th>Options</th>
<th>Mounting</th>
<th>CCT</th>
<th>Accessories</th>
<th>Optics</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-31</td>
<td>Area/Parking Fixture</td>
<td>150-M3 = 150 W</td>
<td>UNV = 120-277 VAC</td>
<td>0-10VDim</td>
<td>SA6 = 6&quot; Side Arm</td>
<td>LD = TwiLock Photocell</td>
<td>T3 = Type 3</td>
<td>GRY = Grey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>200-M3 = 200 W</td>
<td>347V = 347 VAC</td>
<td>Dimming</td>
<td>SA6R = 6&quot; Side Arm (round pole adapter)</td>
<td>MD = Motion Sensor</td>
<td>T5 = Type 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>260-M3 = 260 W</td>
<td>480V = 480 VAC</td>
<td>Bi-Level</td>
<td>WM0 = 0&quot; Wall Mount</td>
<td>ON/OFF</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0-10VDim</td>
<td>Includes Motion</td>
<td>WM6 = 6&quot; Wall Mount</td>
<td>LGN = Light Genie</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sensor</td>
<td>SF = Slip Fitter</td>
<td>Node **</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>* See Pg. 2 for mounting options</td>
<td>YK = Yoke Bracket</td>
<td>** Contact factory for product information</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sample Number: LED-31150-M3-UNV-0-10VDim-SF-850-LD-T3-GRY

Custom options and accessories available. Please consult factory for complete information.

http://www.designlights.org/solidstate/about.QualifiedProductsList_Publicv2.php

**REPLACEMENT FOR 400W HID**

Incredible 75,000 hrs
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)</th>
<th>THD</th>
<th>Power Factor</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>LED-31150-M3-UNV</td>
<td>LED Area Fixture</td>
<td>150</td>
<td>154</td>
<td>15,400</td>
<td>120-277</td>
<td>1.53 - 0.56</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>35 lbs</td>
</tr>
<tr>
<td>LED-31200-M3-UNV</td>
<td>LED Area Fixture</td>
<td>200</td>
<td>204</td>
<td>19,176</td>
<td>120-277</td>
<td>2.05 - 0.75</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>35 lbs</td>
</tr>
<tr>
<td>LED-31260-M3-UNV</td>
<td>LED Area Fixture</td>
<td>260</td>
<td>264</td>
<td>22,440</td>
<td>120-277</td>
<td>2.65 - 0.98</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>35 lbs</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

- Driver: Constant Current
- Start Method: InstantON
- Hot Re-start: InstantON
- Power Supply: 350mA
- Driver UL Rating: Class 1
- Driver 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
- 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: > 90
- Total Harmonic Distortion: < 20%
- Inrush Current Peak: < 10 Amp
- FCC Compliance: Part 15, Subp. C
- ETL Listed / UL Standard 1598: Yes
- EPA Rating: 0.71 ft.²
- Housing IP Rating: IP65
- Driver IP Rating: IP67
- Optics IP Rating: IP68
- Warranty: 10 Year

MOUNTING CONFIGURATION

- Wall Mount (WM6)
- Arm Mount Single (SA6)
- Slip Fitter Mount (SF)
- Yoke Mount (YK)

2-1/2” I.D. Accepts up to 2-3/8” Tenon or Pipe

DRILLING PATTERNS

SA6, SA6R

- 1/2” dia. hole (middle)
- 7/16” dia. holes (2)

WM6

- 1/2” dia. hole (middle)
- 7/16” dia. holes (4)

PHOTOMETRICS (See Complete IES File)

Type 3 Distribution

Type 5 Distribution

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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Spec. Rev. 1-2015