GENERAL DESCRIPTION
Neptun's 16" LED flood light fixture combines classic form and versatility to make it an excellent choice for new construction or retrofit applications. The LED-38 series flood fixture is offered in a variety of wattages and mounting options to provide maximum flexibility in all types of applications. It can replace existing HID & HPS fixtures up to 400W.

APPLICATION
- Parking Lot Lighting
- Car Lot Lighting
- Area & Storage Lighting
- Street Lighting
- Walkway Lighting
- Building Accent Lighting
- Sign / Monument Lighting

STRUCTURE, MATERIALS, & FEATURES
- Heavy-gauge, die-cast aluminum housing.
- Integral structural support plate for mounting arm ensures strength.
- Corrosion resistant electrocoat dark bronze finish (custom colors available).
- Hinged aluminum door frame incorporates stainless steel hardware.
- Continuous silicone gasketing surrounds optics for weather - tight seal.
- Correlated Color Temperature of (5000°K) for greater visibility and safety.
- High Output COB Cree 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)
- 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-38100-UNV-BL-DIM-SF-850-LD-T3-BRZ
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-38080-UNV</td>
<td>LED Flood Light Fixture</td>
<td>80</td>
<td>82</td>
<td>8,200</td>
<td>120-277</td>
<td>0.69 - 0.30</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>25 lbs</td>
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<tr>
<td>LED-38100-UNV</td>
<td>LED Flood Light Fixture</td>
<td>100</td>
<td>102</td>
<td>9,486</td>
<td>120-277</td>
<td>0.87 - 0.37</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>25 lbs</td>
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<tr>
<td>LED-38120-UNV</td>
<td>LED Flood Light Fixture</td>
<td>120</td>
<td>122</td>
<td>11,590</td>
<td>120-277</td>
<td>1.05 - 0.45</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>25 lbs</td>
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<tr>
<td>LED-38150-UNV</td>
<td>LED Flood Light Fixture</td>
<td>150</td>
<td>152</td>
<td>13,770</td>
<td>120-277</td>
<td>1.31 - 0.56</td>
<td>&lt;20%</td>
<td>&gt;0.90</td>
<td>25 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 UL 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
- Shock / Vibration Resistant ............................ Yes
- Power Factor ...................................................... > 0.90
- Total Harmonic Distortion .............................. < 20%
- Inrush Current Peak ........................................ < 10 Amp
- FCC Compliance ............................................. Part 15, Subp. C
- ETL Listed / UL Standard 1598 ......................... Yes
- EPA Rating ......................................................... 0.96 ft.²
- Driver IP Rating ................................................ IP67
- Optics IP Rating .............................................. IP68
- Warranty ......................................................... 10 Year

MOUNTING OPTIONS

- Slip Fitter (SF)
  - 2-1/2” I.D.
  - Accepts up to 2-3/8” Tenon or Pipe

- Yoke Bracket (YK)
  - 5.50”
  - 2.50”
  - 11/16”
  - 2.75”

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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