High-Power LED PAR38 Wide Flood Lamps / Frosted
PAR38-12X2WF-XxW-002W

**Features**
- **Lamp Warranty:** 3 Years
- **Low Power Consumption:** 18 Watts or Less
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (based on engineering testing and probability analysis)
- **Wide Input Voltage Range:** 90-290VAC
- **Direct Retrofit:** Replaces Halogen Bulbs up to 90 Watts
- **Choice of Colors:** 3000K Warm or 6000K Pure White
- **Wide Beam Angles:** Up to 107 Degrees
- **Solid Construction:** UV-Stabilized Frosted Plastic Lens, Magnesium Alloy Body
- **highest-grade LEDs:** Uses White Premium Lighting-Class LEDs that Are Test-verified to LM-79 Standard
- **Wide Ambient Temp. Range:** ~-4°F to ~+104°F (~-20°C to ~+40°C)
- **High CRI** Enhances All Colors
- **Earth-Friendly:** RoHS Compliant

**Applications**
- **Track and Accent Lighting**
- **Floodlight/Security Light/ Emergency Light**
- **General/Architectural and Landscape Lighting**
- **Display-Case Fixtures and Cabinet Lighting**
- **Signage and Back Lighting**
- **Industrial OEM Equipment Lighting**
- **Bio-Medical and Medical Applications**
- **Museums/Galleries & Theatrical Effects Lighting**

**Benefits**
- **Major Power Savings:** Up to 85% Compared to Incandescents
- **Easy Installation** into Existing PAR38 Fixtures with 26mm Edison-Base Sockets
- **Even Lighting:** High Intensity / Constant Light / No Halation
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **Environment-Friendly:** No Mercury, No Lead

**Specifications**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>PAR38-12X2WF-XxW-002W</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Voltage</strong></td>
<td>90-290VAC</td>
</tr>
<tr>
<td><strong>Base</strong></td>
<td>E26 / E27 Edison Screw-in</td>
</tr>
<tr>
<td><strong>Ambient Humidity</strong></td>
<td>90%</td>
</tr>
<tr>
<td><strong>Ambient Temp. Range</strong></td>
<td>~-4°F to <del>+104°F (</del>-20°C to ~+40°C)</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>XIW: L 4.64&quot; [117.8mm] x W 0.48&quot; [12.2mm] x H 0.46&quot; [11.7mm]; XPI: L 4.86&quot; [123.5mm] x W 0.48&quot; [12.2mm] x H 0.61&quot; [15.5mm]</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>XIW: 1.24 lbs / 19.86oz / 562.45g; XPI: 1.42 lbs / 22.7oz / 644.10g</td>
</tr>
</tbody>
</table>

**Part Numbers**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>Tested @</th>
<th>Energy Used</th>
<th>Input Current</th>
<th>Total Lumin</th>
<th>Maximum Candela</th>
<th>Efficacy</th>
<th>CRI</th>
<th>Color Temp.</th>
<th>Emitted Color</th>
<th>Viewing Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAR38-12X2WF-XIW-002W</td>
<td>120VAC</td>
<td>15.3 Watts</td>
<td>0.210 A</td>
<td>807 lm</td>
<td>292 cd</td>
<td>53 lm/W</td>
<td>85</td>
<td>2800K ~ 3200K</td>
<td>Warm White</td>
<td>107°</td>
</tr>
<tr>
<td>PAR38-12X2WF-XPW-002W</td>
<td>120VAC</td>
<td>18.3 Watts</td>
<td>0.121 A</td>
<td>942 lm</td>
<td>350 cd</td>
<td>51 lm/W</td>
<td>76</td>
<td>5500K ~ 6500K</td>
<td>Pure White</td>
<td>105°</td>
</tr>
</tbody>
</table>

**CAUTION:** Suitable for use in open luminaires (fixtures)