180° Beam LED Beacon / All-Weather Luminaire

BSD-1928-001

For Use in All-Weather Environments – Pathway Lighting for Bridges, Tunnels, Towers

120VAC — Only 19.5 Watts Power Usage

**FEATURES**

- Lamp Warranty: 3 Years
- Very Low Power Consumption: Only 19.5 Watts
- Solid-State: High-Shock & High-Vibration-Resistant
- Long Life: White LEDs Last up to 50,000 Hours (5.7+ Years), Colored LEDs Last up to 100,000 Hours (10+ Years) of Continuous Operation
- Super Intensity: 1,350 Footcandles
- Ambient Operating Temperature Range: ~22°F to ~+122°F
- All-Weather: Suitable for Wet and Hazardous Locations: Class 1, Div 2

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>BSD-1928-001</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Emitted Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Peak Wave λp</td>
<td>470nm</td>
</tr>
<tr>
<td>Beam Angle H</td>
<td>~180°, V: 20°</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>120 VAC</td>
</tr>
<tr>
<td>Energy Consumption</td>
<td>19.5 W</td>
</tr>
<tr>
<td>Total Lumens</td>
<td>263 lm</td>
</tr>
<tr>
<td>Maximum Candela</td>
<td>1,350 cd</td>
</tr>
<tr>
<td>Ambient Operating Temp Range</td>
<td>~22°F to ~+122°F</td>
</tr>
<tr>
<td>~30°C to ~+50°C</td>
<td></td>
</tr>
<tr>
<td>Weight (w/conduit &amp; LED cluster)</td>
<td>9.25 lbs / 4.20 kg</td>
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</tbody>
</table>

**APPLICATIIONS**

- Hazard Warning / Emergency Lighting
- Pathway Lighting for Bridges, Towers & Tunnels
- Obstruction / Construction Lighting
- Industrial Beacons
- LED Luminaires

The Frederick Douglass Memorial Bridge, commonly known as the South Capitol Street Bridge, in Washington, D.C., was overhauled with new lighting using BSD-1928 lamps.

**BENEFITS**

- Major Energy Savings: Low Wattage Draw Puts Less Load on the Electrical System
- Low Maintenance: Lowers Costs By Reducing Re-lamp Frequency
- Eco-Friendly: No Mercury Content, No Lead
- No Hazardous Emissions: No UV or IR Radiation – Does Not Attract Insects
- Reduces Light Pollution: No Wasted Light, “Dark Skies Initiative”-Friendly

**CUSTOM OPTIONS**

- Other Voltages Available
- With or Without Conduit and T-Form
- Other Colors: Red, Yellow, Green, White
- Other Beam Angles
- Flashing Light
- Blinking Light

**DIMENSIONS**

Dimensions in inches [mm]