LED-8038E/M 14W Bollard / Mini Post Top Retrofit

**Models**
LED-8038-XX-E27-A, 120-277VAC, CE, ROHS, 3000K, 4000K & 5700K CCT

**Description**
Light Efficient Design's Post Top/Bollard retrofits replace HID lamps up to 70W HID. Advanced Active Cooling technology improves thermal performance and delivers the highest light output along with longer LED and driver life versus lamps limited to passive cooling. Internal fans have thermal feedback and a long life (70,000 hours).

**Features**
- 14W LED Replaces up to 70 MH or HPS HID Lamps
- Up to 2,217 lumen output and 150 LPW efficacy
- Available in E27 screw base
- Suitable for enclosed fittings
- Advanced active cooling: Active cooling and dynamic temperature control
- Integrated 6kA surge
- 50,000 hour rated LED life (supported by LM80 and ISTMT reports (see website)
- 5 Year Limited Warranty - see website for details
- Insect/dust resistant housing

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLTAGE</th>
<th>WATTAGE</th>
<th>LUMENS*</th>
<th>LPW*</th>
<th>REPLACES</th>
<th>BASE</th>
<th>CCT</th>
<th>CRI*</th>
<th>THD*</th>
<th>PF*</th>
<th>R9*</th>
<th>Duv*</th>
<th>LIGHT DISTRIBUTION</th>
<th>DIMMABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-8038-NW-E27-A</td>
<td>120-277V</td>
<td>14W</td>
<td>1840</td>
<td>144</td>
<td></td>
<td>E27</td>
<td>3000K</td>
<td>81.5</td>
<td>18.84</td>
<td>0.9813</td>
<td>3</td>
<td>0.0002</td>
<td></td>
<td>No</td>
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<tr>
<td>LED-8038-CW-E27-A</td>
<td>120-277V</td>
<td>14W</td>
<td>2065</td>
<td>152</td>
<td>Up to 70W HID</td>
<td>E27</td>
<td>4000K</td>
<td>82.1</td>
<td>19.94</td>
<td>0.973</td>
<td>16</td>
<td>0.0009</td>
<td></td>
<td></td>
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<tr>
<td>LED-8038-DL-E27-A</td>
<td>120-277V</td>
<td>14W</td>
<td>2217</td>
<td>148</td>
<td></td>
<td>5700K</td>
<td>81.5</td>
<td>19.61</td>
<td>0.0023</td>
<td>21</td>
<td>0.0023</td>
<td>360°</td>
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<td>No</td>
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</table>

### PACKAGING SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PRODUCT DIMENSION</th>
<th>PRODUCT WEIGHT</th>
<th>UNIT CARTON DIMENSION</th>
<th>UNIT CTN WT</th>
<th>SHIPPER CARTON DIMENSION</th>
<th>SHIPPER CTN WT</th>
<th>CARTON QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED-8038-XX-E27-A</td>
<td>137 X 66 mm</td>
<td>.21 KG</td>
<td>106 X 106 X 175 mm</td>
<td>0.359 KG</td>
<td>340 X 340 X 195 mm</td>
<td>3.66KG</td>
<td>9</td>
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</table>

**ENERGY SAVING vs. HID**

<table>
<thead>
<tr>
<th></th>
<th>LED Lamp Power (watts)</th>
<th>HID Lamp Power (watts)</th>
<th>HID Ballast Power (watts)</th>
<th>Total power Savings (watts)</th>
<th>Annual Energy Savings</th>
<th>Lifetime Energy Savings over 50,000 hrs</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>70</td>
<td>11</td>
<td>66.5</td>
<td>£27</td>
<td>£259</td>
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</tbody>
</table>

**ZONAL LUMENS/ LUX DISTANCE DATA (see LM79 for more information)**

**Mounting Orientation**

<table>
<thead>
<tr>
<th>BASE DOWN</th>
<th>BASE UP</th>
<th>HORIZONTAL</th>
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</thead>
<tbody>
<tr>
<td>APPROVED</td>
<td>APPROVED</td>
<td>APPROVED</td>
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</tbody>
</table>

**Recommended Minimum Fitting Size**

<table>
<thead>
<tr>
<th>OPERATING TEMPERATURE</th>
<th>-40°C to +50°C</th>
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</thead>
<tbody>
<tr>
<td>Width</td>
<td>185</td>
</tr>
<tr>
<td>Height</td>
<td>168</td>
</tr>
<tr>
<td>LED TEMPERATURE*</td>
<td>61.4</td>
</tr>
<tr>
<td>Volume (Cu. Cm.)</td>
<td>3108</td>
</tr>
</tbody>
</table>

**L70 LED Lumen Maintenance**

* From ISTMT Report at 25°C

**Note:**

8038 Series LED retrofit downlight/Bollard. 120-277VAC, 14W. CE, ROHS. Available in 3000K, 4000K & 5700K CCT. 35W HID replacement. 2000lm. E27. 360°. 50,000 hr LED life. 5 Year Warranty. Insect resistant. Suitable for E27 fitments. Advanced Active Cooling. Up to 150 LPW efficacy. 6kA surge protection. 50,000 hrs LED life. 5 Year Warranty. Insect resistant. Suitable for E27 fitments. Advanced Active Cooling. Up to 150 LPW efficacy. 6kA surge protection.

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**TECHNICAL SPECIFICATIONS**

**LIGHT DISTRIBUTION**

**DIMMABLE**

**PACKAGING SPECIFICATIONS**

**ENERGY SAVING vs. HID**

**ZONAL LUMENS/ LUX DISTANCE DATA**

**Mounting Orientation**

**THERMAL SPECIFICATIONS**

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**Note:**