**Product Specifications Sheet**

**LED-8036 100W High Bay / Low Bay Retrofit**

**Models**

LED-8036-XX-E40, 120-277VAC, CE, ROHS, 4000K & 5700K CCT

**Description**

Light Efficient Design’s High Bay / Low Bay retrofits replace HID lamps up to 250W 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**

- 100W LED Replaces up to 250W MH or HPS HID Lamps
- Up to 10,798 lumen output and 112 LPW efficacy
- Available in E40 screw base
- Suitable for enclosed fittings
- Advanced active cooling: Active cooling and dynamic temperature control
- Integrated 10kA 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-8036-CW-E40-A</td>
<td>120-277V</td>
<td>100W</td>
<td>10656</td>
<td>110</td>
<td>250W HID</td>
<td>E40</td>
<td>4000K</td>
<td>85.3</td>
<td>14.63</td>
<td>96</td>
<td>20</td>
<td>-0.0008</td>
<td>180°</td>
<td>No</td>
</tr>
<tr>
<td>LED-8036-DL-E40-A</td>
<td>120-277V</td>
<td>10798</td>
<td>112</td>
<td>276</td>
<td>5700K</td>
<td>E40</td>
<td>85.1</td>
<td>14.93</td>
<td>96</td>
<td>15</td>
<td>0.0025</td>
<td></td>
<td></td>
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</tr>
</tbody>
</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-8036-XX-E40</td>
<td>197 X 201 mm</td>
<td>1.25 kg.</td>
<td>255 X 255 X 245 mm</td>
<td>1.73 kg.</td>
<td>525 X 270 X 505 mm</td>
<td>7.68 kg.</td>
<td>4</td>
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</tbody>
</table>

**ENERGY SAVING vs. HID**

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

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

**Thermal Specifications**

Recommended Minimum Fitting Size: 40°C to +50°C

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>LED TEMPERATURE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>277</td>
<td>231</td>
<td>51.6</td>
</tr>
</tbody>
</table>

L70 LED LUMEN MAINTAINANCE* >54,000

**DIMENSIONS**

- Width: 277
- Height: 231
- Volume (Cu. Cm.): 6398.7

**Note:**
To convert to Lux, multiply Foot Candles by 10.76

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