# LED High Power Bulb

## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>LED Qty</th>
<th>PF</th>
<th>CRI</th>
<th>Voltage</th>
<th>CCT</th>
<th>Lumen</th>
<th>Size mm (x 0.039=inch)</th>
<th>Operation temp (°C/F)</th>
<th>Weight</th>
<th>Certificate</th>
<th>Equal to</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulb</td>
<td>80W</td>
<td>260leds</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100–277VAC</td>
<td>2700–6500K</td>
<td>10800±200lm</td>
<td>E39 Ø130×323, Ex39Ø130×325</td>
<td>minus 40–60°C, minus 40–140°F</td>
<td>NW1.65Kg</td>
<td>UL/cUL, DLC</td>
<td>250w HPS MHL</td>
</tr>
<tr>
<td>Bulb</td>
<td>100W</td>
<td>288leds</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100–277VAC</td>
<td>2700–6500K</td>
<td>13500±200lm</td>
<td>E39 Ø130×323, Ex39Ø130×325</td>
<td>minus 40–60°C, minus 40–140°F</td>
<td>NW1.90Kg</td>
<td>UL/cUL, DLC</td>
<td>400w HPS MHL</td>
</tr>
<tr>
<td>Bulb</td>
<td>125W</td>
<td>336leds</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100–277VAC</td>
<td>2700–6500K</td>
<td>16875±200lm</td>
<td>E39 Ø130×367, Ex39Ø130×359</td>
<td>minus 40–60°C, minus 40–140°F</td>
<td>NW2.10Kg</td>
<td>UL/cUL, DLC</td>
<td>500w HPS MHL</td>
</tr>
</tbody>
</table>
Features

LG5630 135lm/W
360 degree beam angle
No fan temperaturesensor protection
Flame retardant material

Advantages

*Great cooling structure
*6063 aviation Aluminium
*Beef: low/high temp. -40 to 50°C
*OK for totally enclosed fixture

*Beefy radiation holes
*High efficiency LED
*5M5630 135lm/w

*Special patent design
*Separated LED and driver
*Prevent heat mutual conduction
*Easily replacement & maintain

*Beef protector
Ensure no broken when shipment

Surge protection: 6KV
1. Isolated driver, better for heat dissipation

2. When the sensor temperature up to 84°C, the power down to 85% of rate power gradually. (Take 100W for example, 98W~96W~95W...50W)

3. High quality driver components: Rubycon capacitor (Japan); FIRST MOS (USA); MPS IC Chip (USA); Galaxy Diodes (biggest in China)

4. Driver with heat sink silicone for waterproof, dust proof and anti-mosquitoes

Application

Shoe box

Acorn

High bay

Post top
**Installation**

**Step: 1**
*Shown as Figure 1*
Turn off the power before installation.
Remove the old ballast, capacitor and ignitor (if existing)

**Step: 2**
*Shown as Figure 2*
Make sure the alternating Current Wires connect to the E39 or Ex39 socket directly (Reattach or replace ground lead if one is needed)

**Step: 3**
*Shown as Figure 3*
Screw the LED lamp onto the corresponding socket.

---

**Packing**

<table>
<thead>
<tr>
<th>Rated Power</th>
<th>Box Size</th>
<th>Gross Weight Per Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>80W</td>
<td>345<em>170</em>170mm</td>
<td>1.93 kg</td>
</tr>
<tr>
<td>100W</td>
<td>356<em>161</em>173mm</td>
<td>2.15 kg</td>
</tr>
<tr>
<td>125W</td>
<td>410<em>170</em>170mm</td>
<td>2.45 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated Power</th>
<th>CTN Size</th>
<th>Gross Weight Per CTN</th>
</tr>
</thead>
<tbody>
<tr>
<td>80W</td>
<td>525<em>360</em>355mm</td>
<td>12.58</td>
</tr>
<tr>
<td>100W</td>
<td>503<em>366</em>361mm</td>
<td>13.98</td>
</tr>
<tr>
<td>125W</td>
<td>525<em>425</em>355mm</td>
<td>15.82</td>
</tr>
</tbody>
</table>

**Pack Quantity:**

6PCS

---

**CAUTIONS**

- Risk of electric shock. Do not use where directly exposed to water.
- These led corn bulbs are non-dimmable.
- 80w, 100w, 125w suitable for use in totally enclosed fixtures.
- Don't take apart the lamps without our permit.
- Please read the instruction manual carefully before installation.

---

Bratic Enterprises, LLC
125 Woodlawn Ave, Royal Oak, MI 48073
248.582.1408
www.bratic.net