# LED High Power Bulb

![LED High Power Bulb Image]

## 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 (±0.098 inch)</th>
<th>Operation temp (°C/F)</th>
<th>Weight (lbs/kg/2.2)</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP Bulb</td>
<td>27W</td>
<td>84 LEDs</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700-6500K</td>
<td>3645±2001m</td>
<td>E26 φ87<em>202, E39 φ87</em>216, Ex39 φ79*218</td>
<td>minus 40<del>60°C minus 40</del>140°F</td>
<td>NW 0.66kg GW 0.76kg</td>
<td>UL4777/CUL, Td21, UL1598C/Recognized</td>
</tr>
<tr>
<td>HP Bulb</td>
<td>36W</td>
<td>112 LEDs</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700-6500K</td>
<td>4860±2001m</td>
<td>E26 φ87<em>228, E39 φ87</em>242, Ex39 φ79*244</td>
<td>minus 40<del>60°C minus 40</del>140°F</td>
<td>NW 0.74kg GW 0.86kg</td>
<td>UL4777/CUL, Td21, UL1598C/Recognized</td>
</tr>
<tr>
<td>HP Bulb</td>
<td>45W</td>
<td>140 LEDs</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700-6500K</td>
<td>6075±2001m</td>
<td>E26 φ87<em>258, E39 φ87</em>272, Ex39 φ79*274</td>
<td>minus 40<del>60°C minus 40</del>140°F</td>
<td>NW 0.86kg GW 0.96kg</td>
<td>UL4777/CUL, Td21, UL1598C/Recognized</td>
</tr>
<tr>
<td>HP Bulb</td>
<td>54W</td>
<td>168 LEDs</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700-6500K</td>
<td>7290±2001m</td>
<td>E26 φ87<em>258, E39 φ87</em>272, Ex39 φ79*274</td>
<td>minus 40<del>60°C minus 40</del>140°F</td>
<td>NW 0.88kg GW 0.97kg</td>
<td>UL4777/CUL, Td21, UL1598C/Recognized</td>
</tr>
</tbody>
</table>

**Additional Features:**
- 10 years of guaranteed no age degradation
- Enclosed: IP64
- PF ≥0.9
- CRI ≥80
- LED LM80, LM79
- IES CUL listed (E26, E39, Ex39)}
Features

- LG 5630 135lm/W
- 360° beam angle
- Flame retardant material
- IP64 waterproof design

Advantages

- Great cooling structure
- 5053 aviation aluminum, heat resistant, -40 to 60°C, suitable for totally enclosed fixture
- Special patent design
- Separated LED and driver
- Prevent heat mutual conduction
- Easily replaceable/maintainable
- Base protector: Ensure no broken when shipment
- Triangular radiation holes, lead air flowing, low heat, water proof, cut-out/waterproof
- High efficiency LED SMD5630 135lm/W
- Surge protection 4KV

1. Isolated driver, better for heat dissipation
2. No Fan for heat dissipation solution
3. Japan JAE connector, easy driver replacement
- Top quality driver components:
  - FIRST MOS (USA)
  - MPS IC CHIP (USA)
  - RUBYCON CAPACITOR (JAPAN)
  - GALAXY DIODES (biggest in China)
4. Driver with heat sink silicone for waterproof, dust proof and anti-mosquitoes
Application

Wall pack  Acorn  Canopy  Garage light

Post top  Shoe box  Cobra Head  Flood light

Before  After
**Installation**

Step 1

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

Step 2

*Shown as Figure 2*
Make sure the alternating Current Wires connect to the E26 or 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>Wattage</th>
<th>Inner box size</th>
<th>N.W per lamp (KG/lbs)</th>
<th>G.W per box (KG/lbs)</th>
<th>G.W per carton (KG/lbs)</th>
<th>Carton Size</th>
<th>Quantity per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>27W</td>
<td>93x93x240mm</td>
<td>0.66kg (1.46lbs)</td>
<td>0.76kg (1.68lbs)</td>
<td>13.05kg (28.77lbs)</td>
<td>392x382x255mm</td>
<td>16PCS</td>
</tr>
<tr>
<td>36W</td>
<td>93x93x263mm</td>
<td>0.74kg (1.63lbs)</td>
<td>0.86kg (1.89lbs)</td>
<td>15.63kg (34.66lbs)</td>
<td>392x382x278mm</td>
<td></td>
</tr>
<tr>
<td>45W</td>
<td>93x93x294mm</td>
<td>0.86kg (1.90lbs)</td>
<td>0.96kg (2.12lbs)</td>
<td>16.44kg (36.24lbs)</td>
<td>392x382x309mm</td>
<td></td>
</tr>
<tr>
<td>54W</td>
<td>93x93x324mm</td>
<td>0.88kg (1.94lbs)</td>
<td>0.97kg (2.14lbs)</td>
<td>17.58kg (38.76lbs)</td>
<td>392x382x309mm</td>
<td></td>
</tr>
</tbody>
</table>

**Lamp**  

**Box**

**Carton**

Pack Quantity: 16PCS

**CAUTIONS**

- Risk of electric shock. Do not use where directly exposed to water.
- All these 27W, 36W, 45W, 54W led lamps are suitable for use in totally enclosed luminaires.
- These led corn bulbs are non-dimmable.
- Don't take apart the lamps without our permit.
- Please read the instruction manual carefully before installation.

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