# High Power Directional LED Bulb

![Image of LED bulbs](image)

## Specifications

<table>
<thead>
<tr>
<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 (lbs/kg/2.2)</th>
<th>Certificate</th>
<th>Equal to</th>
</tr>
</thead>
<tbody>
<tr>
<td>27W</td>
<td>84 leds LG5630</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700~6000K</td>
<td>2900±200lm</td>
<td>E26 Ø7+199 E27 Ø8+199 E39 Ø7+208 E40 Ø7+208 EX39 Ø7+208</td>
<td>minus 39<del>60°C minus 39</del>140°F</td>
<td>NW 0.7kg GW 0.8kg</td>
<td>UL/DLC</td>
<td>100W HPS MHL</td>
</tr>
<tr>
<td>36W</td>
<td>96 leds LG5630</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700~6000K</td>
<td>3900±200lm</td>
<td>E26 Ø7+207 E27 Ø8+207 E39 Ø7+216 E40 Ø7+216 EX39 Ø7+216</td>
<td>minus 39<del>60°C minus 39</del>140°F</td>
<td>NW 0.72kg GW 0.82kg</td>
<td>UL/DLC</td>
<td>150W HPS MHL</td>
</tr>
<tr>
<td>45W</td>
<td>120 leds SMD5630</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700~6000K</td>
<td>4900±200lm</td>
<td>E26 Ø7+234 E27 Ø7+234 E39 Ø7+243 E40 Ø7+243 EX39 Ø7+243</td>
<td>minus 39<del>60°C minus 39</del>140°F</td>
<td>NW 0.8kg GW 0.9kg</td>
<td>UL/DLC</td>
<td>175W HPS MHL</td>
</tr>
<tr>
<td>54W</td>
<td>144 leds SMD5630</td>
<td>≥0.9</td>
<td>≥80</td>
<td>100-277VAC</td>
<td>2700~6000K</td>
<td>5900±200lm</td>
<td>E26 Ø7+259 E27 Ø7+259 E39 Ø7+268 E40 Ø7+268 EX39 Ø7+268</td>
<td>minus 39<del>60°C minus 39</del>140°F</td>
<td>NW 0.88kg GW 1.0kg</td>
<td>UL/DLC</td>
<td>200W HPS MHL</td>
</tr>
</tbody>
</table>
Features

LG 5630 110lm/W  
180° beam angle  
Flame retardant material  
IP64 waterproof design

Advantages

- Use top brand capacitors Rubycon
- IP 64 design. Driver is fully sealed with thermal paste, working temperature -40~60°C (-40~140°F)
- 0.3W 5630 SMD LED. 30mA each, only 26mA goes through each LED so that LED light time is maintained
- No Fan heat dissipation solution  
- Guide-flow cove & hole. It guides water flow away very fast, prevent from watered.

1. Isolated driver, better for heat dissipation
2. Easy replacement with slide connector from lamp body to driver.
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

Acorn  Ball  Post top

Before  After
**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 E26 or E39 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.

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**Packing**

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Inner box size</th>
<th>N.W per lamp</th>
<th>G.W per box (lbs=KG/2.2)</th>
<th>G.W per carton (lbs=KG/2.2)</th>
<th>Carton Size</th>
<th>Quantity per Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>27W</td>
<td>93x93x231mm</td>
<td>0.70kg</td>
<td>0.80kg</td>
<td>14.03kg</td>
<td>392x382x246mm</td>
<td>16PCS</td>
</tr>
<tr>
<td>36W</td>
<td>93x93x240mm</td>
<td>0.72kg</td>
<td>0.82kg</td>
<td>14.43kg</td>
<td>392x382x255mm</td>
<td>16PCS</td>
</tr>
<tr>
<td>45W</td>
<td>93x93x265mm</td>
<td>0.80kg</td>
<td>0.90kg</td>
<td>15.65kg</td>
<td>392x382x280mm</td>
<td>16PCS</td>
</tr>
<tr>
<td>54W</td>
<td>93x93x289mm</td>
<td>0.88kg</td>
<td>1.00kg</td>
<td>17.03kg</td>
<td>392x382x304mm</td>
<td>16PCS</td>
</tr>
</tbody>
</table>

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**Lamp**  
**Box**  
**Carton**

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**Pack Quantity:**  
16PCS

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**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 manual carefully before installation.

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