The Dubai Lamp initiative is the result of a unique research partnership between Philips Lighting and Dubai Municipality, resulting in the development of the world's first commercially available 200 lumen per Watt LED lamp, available in widely used shapes and colors.

By replacing conventional lamps with Dubai Lamp, households and enterprises can reduce energy used for lighting by up to 90%. Besides raising light and energy efficiency to new levels, Dubai Lamp is extremely durable with an average lifespan of up to 25 times longer than conventional lamps.
High efficiency LED lamps, up to 200 lumen’s per watt
Reduce energy used by up to 90%
Average lifespan 25 times longer than conventional lamps
Low power consumption
Long-lifetime of 25,000 hours
No UV and Cool beam (no IR)
Environmental friendly, no Mercury or any other hazardous substances
Low Carbon Footprint
# Product features

## Technical Specifications

<table>
<thead>
<tr>
<th>Product type</th>
<th>Voltage (V)</th>
<th>Wattage (W)</th>
<th>Replaced wattage (W)</th>
<th>Base</th>
<th>Color temp (K)</th>
<th>Lumen output (Lm)</th>
<th>Lifetime (hours)</th>
<th>Beam angle (°)</th>
<th>Intensity (Cd)</th>
<th>CRI</th>
<th>Dimmable</th>
<th>Switch cycle (K)</th>
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<tbody>
<tr>
<td>LED B35 1-25W E14 CL ND 830</td>
<td>220-240</td>
<td>1</td>
<td>25</td>
<td>E14</td>
<td>3000</td>
<td>200</td>
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<td>NA</td>
<td>80</td>
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<td>50</td>
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## Dimensions

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<tr>
<th>Type</th>
<th>C typical Overall Length (mm)</th>
<th>D typical Diameter (mm)</th>
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</thead>
<tbody>
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<td>35</td>
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</tr>
<tr>
<td>LED MR16 3-50W 36D 865</td>
<td>46</td>
<td>51</td>
</tr>
</tbody>
</table>

![E14 B35 25W](image1.png)  ![E27 A60 40W](image2.png)  ![E27 A60 60W](image3.png)  ![GU5.3 MR16 50W](image4.png)
Spectral Power Distribution

Spectrum LED B35 1-25W

Spectrum LED A60 2-40W

Spectrum LED A60 3-60W
Photometric Diagrams

**LED B35 1–25W E14 CL ND 830**

- **Light output ratio**: 1.00
- **Service upward**: 0.52
- **Service downward**: 0.48
- **CIE flux code**: 6.32 65 48 100
- **UGRcn**: (4hlx8H, 0.25H) 23

**Polar intensity diagram**

**Quantity estimation diagram**

**UGR diagram**

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**Polar intensity diagram**

**Quantity estimation diagram**

**UGR diagram**
Temperature

**LED B35 1-25W**

Tc Point
Mid of housing
Max Tc: 55°C

**LED A60 2-40W**

Tc Point
Mid of housing
Max Tc: 60°C

**LED A60 3-60W**

Tc Point
Mid of housing
Max Tc: 60°C

**LED MR16 3-50W**

Tc Point
Max Tc: 67°C
Lifetime and Failure rate

LED B35 1-25W

![Graph showing Lumen Maintenance and Failure rate for LED B35 1-25W over 60,000 hours.]

LED A60 2-40W

![Graph showing Lumen Maintenance and Failure rate for LED A60 2-40W over 60,000 hours.]

LED A60 3-60W

![Graph showing Lumen Maintenance and Failure rate for LED A60 3-60W over 60,000 hours.]