Experience a new era in **lighting**!

L.E.D light bulb is solid state device which emits light when electricity passes through it. It has three stage of design; Electrical design (LED Driver), Mechanical Design (Cooling Device) and Optical Design (Diffuser). Driver is most efficient with power factor more that 0.9 low THD <20%, no EMI noise.

It is so efficient that is can save up to 50% compared to CFL and 85% compared to ordinary Incandescent bulbs.

**ABOUT ECOSTAR**

An **ISO 9001:2008** Certified company

ECOSTAR (L.E.D. Lights) L.E.D driver manufactured with best quality materials to produce and provide high quality standard providing highest brightness compared to other brands. It is environment friendly, five times longer life compared to conventional lights. Mercury Free, UV free and most safe lights. Uses 90% of Indian materials, saves over 70% electricity, cost for lighting with less maintenance. Light decay factor is low due to using aluminium housing and LM80 certified LED chip.

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See your home in a new light...

**LED Bulb**

<table>
<thead>
<tr>
<th>Wattage</th>
<th>Lumen</th>
</tr>
</thead>
<tbody>
<tr>
<td>3W</td>
<td>300</td>
</tr>
<tr>
<td>5W</td>
<td>500</td>
</tr>
<tr>
<td>7W</td>
<td>700</td>
</tr>
<tr>
<td>9W</td>
<td>900</td>
</tr>
<tr>
<td>12W</td>
<td>1200</td>
</tr>
<tr>
<td>14W</td>
<td>1400</td>
</tr>
</tbody>
</table>

- Operating Voltage - 90 - 300V
- Colour Temperature - 3000K / 6500K
- Mercury Free
- Driver Efficiency 90%
- Wide 270° angle

- Cap Base - B-22
- Light Colour - Warm White / Cool White
- Power Factor more than 0.9
- Long life
- Aluminium housing for optimum heat management
LED Tubes

T8 - Integrated (1200mm / 600mm)
T8 - Retrofit (1200mm / 600mm)

- Input Voltage: 90V - 300V AC
- Rated Wattage: 9W / 10W / 12W (600mm)
  - 18W / 20W / 24W (1200mm)
- Light Output: 1800 / 2000 / 2400 lumen
- Colour temperature: 3000K / 6500K
- Aluminium Body (Wall Mount Type)
- Long Life
- High Power Factor
- High Voltage Protection
- Power Savings
- Mercury Free
- Polycarbonate Milky white Diffuser
- High Efficiency Electronic Driver
- No Harmful UV / IR Radiation

LED Street Light

- Input Voltage: 90 - 300V AC
- THD: less than 10%
- Power factor: More than 0.9
- EMI Noise: No
- Surge Protection: 4.7KV
- Light output: 100 Lm / Watt.
- Colour temperature: 3000K / 6500K

12W 18W 24W 36W
50W 90W 120W

Streets ahead with LED lighting!
LED Flood Light

- Input Voltage: 90 - 300V AC
- THD: less than 10%
- Power Factor: More than 0.9
- EMI Noise: No
- Surge Protection: 4.7KV
- Light Output: 100 Lm / watt
- Colour Temperature: 6500K

- 10W - 20W - 30W - 50W - 100W - 150W

LED Down Lights

- Input Voltage: 90V - 300V AC
- Light Output: 100 Lm / Watt.
- Pressure Die Cast Aluminium Body
- Long Life
- High Power Factor
- High Voltage Protection
- Power Saving
- Mercury Free
- Polycarbonate Milky white Diffuser
- High Efficiency Electronic Driver
- No Harmful UV / IR Radiation

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>3</th>
<th>6</th>
<th>9</th>
<th>12</th>
<th>15</th>
<th>18</th>
<th>21</th>
<th>24</th>
<th>36</th>
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</thead>
<tbody>
<tr>
<td>Light Output (Lumen)</td>
<td>100 - 110 Lm / W</td>
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<tr>
<td>Operating Voltage</td>
<td>90 - 300 VAC</td>
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<tr>
<td>Efficiency</td>
<td>&gt; 85%</td>
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<tr>
<td>Emitting Colour</td>
<td>Cool White / Natural White / Warm White</td>
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<tr>
<td>Housing</td>
<td>Powder Aluminium Die-Cast / Polycarbonate</td>
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