LED Replacement Lamps

LED Turtle Lights
Wild-life Lighting Approved 9/9.5 Watt LED
A19 Turtle Light - Medium Base Amber

Eco-$mart 9/9.5 Watt Amber Turtle Light produces a peak spectral output of 590 nanometers that falls within the optimal wave-length range for sea turtle friendly lighting (over 560 nanometers). Fully encapsulated, 120 Volt, A19 standard medium base LED bulb directly replaces incandescent, halogen and CFL bulbs with significantly fewer watts.

- Save 70-80% energy costs when replacing incandescent lamps.
- Long lifespan, over 50,000 hours. Little to no maintenance for 7 years.
- Safe low heat light.
- Environment friendly, no UV and infrared, no mercury.
- Solid State, Vibration-resistant, Safe shipping, handling, and installation.

Applications: The Eco-$mart Turtle light is Wildlife Lighting Approved when installed in a wildlife friendly fixture and used to meet minimal lighting standards. It has wide applications and is very suitable for low light areas and decorative lighting in:

- Landscaping
- Service Stations
- Clubs
- Stores
- Hotels
- Restaurants
- Gyms
- Airports
- Office Buildings
- Factories

Technical Specifications:

<table>
<thead>
<tr>
<th>Item</th>
<th>A19-10WA-Amber</th>
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</thead>
<tbody>
<tr>
<td>Power:</td>
<td>9/9.5 Watts</td>
</tr>
<tr>
<td>Base:</td>
<td>Medium E26/27</td>
</tr>
<tr>
<td>Size (inches):</td>
<td>2.5 x 5.1</td>
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<tr>
<td>Voltage:</td>
<td>85 to 265VAC</td>
</tr>
<tr>
<td>Lumens:</td>
<td>490</td>
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<tr>
<td>Nanometers:</td>
<td>590</td>
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<tr>
<td>Beam Angle:</td>
<td>120°</td>
</tr>
<tr>
<td>Approvals:</td>
<td>UL, CE, ROHS, FFWCC Approved</td>
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<tr>
<td>Replace Bulb:</td>
<td>60 Watt</td>
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</tbody>
</table>

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LED Test Report

Product Mark

Product Type: 9.5W SPOTLIGHT  Manufacturer: T
Temperature: 25℃  Humidity: 55%
Operator: He  Test Date: 2014.05.30

Chroma Parameters

Chro. Coor.: x = 0.5711 y = 0.4282  u = 0.3265 v = 0.3672  duv = 0.0069
CCT: Tc = 1763K  Dominant Wave.: 590.3nm  Purity: 100.0%
R ratio: R = 9.7  Peak Wavelength: 592.3nm  Half Width: 15.4nm

Rending Index

Ra = -30.6
R1 = -48  R2 = 43  R3 = 18  R4 = -78  R5 = -51
R6 = 22  R7 = -7  R8 = -141  R9 = -432  R10 = 13
R11 = -112  R12 = -39  R13 = -29  R14 = 45  R15 = -76

Photo Parameters

Flux: 311.93lm  Effi.: 39.91m/W  Radiant: 595.3mW  Iv: 0.0mcd

Ele. Parameters

Voltage: U = 222.9V  Current: I = 0.064A
Power: P = 9.4W  Power Factor: PF = 0.66

Instrument state

IntgeTime: 100.000ms  VPeak: 14988  VDark: 1089
Scan Range: 380–780nm