# LED Headlights – Model 8800 Evolution 2

## PRODUCT INFORMATION

<table>
<thead>
<tr>
<th><strong>Description</strong></th>
<th>12-24V ECE LED LHT Low Beam Headlight with Chrome Bezel</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height</strong></td>
<td>107.19 mm / 4.22 in</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>167.64 mm / 6.6 in</td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>84.90 mm / 3.34 in</td>
</tr>
<tr>
<td><strong>Shape</strong></td>
<td>Rectangular</td>
</tr>
<tr>
<td><strong>Outer Lens Material</strong></td>
<td>Hardcoated Polycarbonate</td>
</tr>
<tr>
<td><strong>Outer Lens Color</strong></td>
<td>Clear</td>
</tr>
<tr>
<td><strong>Housing Material</strong></td>
<td>Die-Cast Aluminum</td>
</tr>
<tr>
<td><strong>Housing Color</strong></td>
<td>Black</td>
</tr>
<tr>
<td><strong>Bezel Color</strong></td>
<td>Chrome</td>
</tr>
<tr>
<td><strong>Mounting Type</strong></td>
<td>Low-Profile Panel Mount</td>
</tr>
<tr>
<td><strong>Retrofits</strong></td>
<td>1A1 and 2A1 (4&quot; 1 6&quot;) sealed beams</td>
</tr>
<tr>
<td><strong>Minimum Operating Temperature</strong></td>
<td>-40 °C / -40 °F</td>
</tr>
<tr>
<td><strong>Maximum Operating Temperature</strong></td>
<td>65 °C / 149 °F</td>
</tr>
<tr>
<td><strong>Connector or Wiring</strong></td>
<td>H4 Connector - AMP (#172615-2)</td>
</tr>
<tr>
<td><strong>Mating Connector</strong></td>
<td>LH Terminal - AMP (#172795-1); RH Terminal - AMP (#172796-1)</td>
</tr>
<tr>
<td><strong>Product Weight</strong></td>
<td>1.83 lbs / 0.83 kgs</td>
</tr>
<tr>
<td><strong>Shipping Weight</strong></td>
<td>2.30 lbs / 1.04 kgs</td>
</tr>
</tbody>
</table>
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PRODUCT DIMENSIONS

ELECTRICAL SPECIFICATIONS

- **Input Voltage**: 12-24V DC
- **Operating Voltage**: 9-32V DC
- **White Wire**: Low Beam
- **Black Wire**: Ground
- **Yellow Wire**: Low Beam
- **Current Draw**: 2.10A @ 12V DC, 1.00A @ 24V DC

REGULATORY STANDARDS COMPLIANCE

- Buy America Standards
- Eco Friendly
- IEC IP69K
- ECE Reg 112
- FMVSS 108 Table XIX

Print date: 2019-04-16
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PHOTOMETRIC SPECIFICATIONS

- Raw Lumen Output: 2,830
- Effective Lumen Output: 782
- Candela Output: 29,800
- Nominal LED Color Temperature: 5000 K
- Beam Pattern(s): Forward Lighting - Low Beam (ECE Left Hand)

APPLICATIONS

ACCESSORIES

Part Number 3269601
Low Beam Harness for 8800 Evolution 2 Series

Part Number 3269611
High Beam Harness for 8800 Evolution 2 Series
LED Headlights – Model 8800 Evolution 2

RELATED PRODUCTS

Part Number 0551371
12-24V DOT/ECE LED RHT Low Beam Headlight with Chrome Bezel

Part Number 0551381
12-24V DOT/ECE LED High Beam Headlight with Chrome Bezel

Part Number 0551771
12-24V DOT/ECE LED RHT Low Beam Heated Headlight with Chrome Bezel

Part Number 0551781
12-24V DOT/ECE LED High Beam Heated Headlight with Chrome Bezel

Part Number 0552091
12-24V ECE LED LHT Low Beam Heated Headlight with Chrome Bezel

Part Number 0552551
12-24V DOT/ECE LED RHT Low Beam Headlight with Black Bezel

Part Number 0552561
12-24V ECE LED LHT Low Beam Headlight with Black Bezel

Part Number 0552571
12-24V DOT/ECE LED High Beam Headlight with Black Bezel