## LED Headlights – Model 8800 Evolution 2

### PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>12-24V DOT/ECE LED High Beam Headlight with Black Bezel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>107.19 mm / 4.22 in</td>
</tr>
<tr>
<td>Width</td>
<td>167.64 mm / 6.6 in</td>
</tr>
<tr>
<td>Depth</td>
<td>84.90 mm / 3.34 in</td>
</tr>
<tr>
<td>Shape</td>
<td>Rectangular</td>
</tr>
<tr>
<td>Outer Lens Material</td>
<td>Hardcoated Polycarbonate</td>
</tr>
<tr>
<td>Outer Lens Color</td>
<td>Clear</td>
</tr>
<tr>
<td>Housing Material</td>
<td>Die-Cast Aluminum</td>
</tr>
<tr>
<td>Housing Color</td>
<td>Black</td>
</tr>
<tr>
<td>Bezel Color</td>
<td>Black</td>
</tr>
<tr>
<td>Mounting Type</td>
<td>Low-Profile Panel Mount</td>
</tr>
<tr>
<td>Retrofits</td>
<td>1A1 and 2A1 (4&quot; 1 6&quot;) sealed beams</td>
</tr>
<tr>
<td>Minimum Operating Temperature</td>
<td>-40 °C / -40 °F</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td>65 °C / 149 °F</td>
</tr>
<tr>
<td>Connector or Wiring</td>
<td>H4 Connector - AMP (#172615-2)</td>
</tr>
<tr>
<td>Mating Connector</td>
<td>LH Terminal - AMP (#172795-1); RH Terminal - AMP (#172796-1)</td>
</tr>
<tr>
<td>Product Weight</td>
<td>1.90 lbs / 0.86 kgs</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>2.30 lbs / 1.04 kgs</td>
</tr>
</tbody>
</table>
LED Headlights – Model 8800 Evolution 2

PRODUCT DIMENSIONS

![Product Dimensions Diagram]

ELECTRICAL SPECIFICATIONS

- **Input Voltage**: 12-24 V
- **Operating Voltage**: 9-32 V
- **Red Wire**: High Beam
- **Black Wire**: Ground
- **Current Draw**:
  - 2.10A @ 12V
  - 1.00A @ 24V

REGULATORY STANDARDS COMPLIANCE

- **Made In**: USA
- **ECE**:
- **ECO**: Eco Friendly
- **DOT**:
- **Canada**: ECE Reg 112
- **IP69K**: FMVSS 108 Table XVIII
- **Buy America Standards**
- **IEC IP69K**

Print date: 2019-04-16
© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660
LED Headlights – Model 8800 Evolution 2

PHOTOMETRIC SPECIFICATIONS

- **Raw Lumen Output**: 2,250
- **Effective Lumen Output**: 898
- **Candela Output**: 73,200
- **Nominal LED Color Temperature**: 5000 K
- **Beam Pattern(s)**: Forward Lighting - High Beam (DOT/ECE)

APPLICATIONS

- Agriculture
- Automotive
- Construction
- Industrial
- Material
- Mining
- Off-Road 4x4
- Railroad
- Specialty
- Truck & Bus

ACCESSORIES

- **Part Number 3269601**: Low Beam Harness for 8800 Evolution 2 Series
- **Part Number 3269611**: High Beam Harness for 8800 Evolution 2 Series

Print date: 2019-04-16
© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660
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 0551391
12-24V ECE LED LHT Low 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