LED Headlights - Model 8700 Evo 2 Dual Burn

**PRODUCT INFORMATION**

**Description**
12-24V DOT LED High & Low Beam Heated Headlight with Chrome Inner Bezel - Single Light

**Height**
176.53 mm / 6.95 in

**Width**
176.53 mm / 6.95 in

**Depth**
99.82 mm / 3.93 in

**Shape**
Round

**Outer Lens Material**
Polycarbonate

**Outer Lens Color**
Clear

**Housing Material**
Aluminum

**Housing Color**
Grey

**Bezel Color**
Chrome

**Retrofits**
2D1 "PAR56" or 7" round headlights

**Minimum Operating Temperature**
-40 °C / -40 °F

**Maximum Operating Temperature**
65 °C / 149 °F

**Connector or Wiring**
H4

**Mating Connector**
H4 AMP#172615-2

**Product Weight**
2.31 lbs / 1.05 kgs

**Shipping Weight**
3.35 lbs / 1.52 kgs
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**PRODUCT DIMENSIONS**

![Product Dimensions Diagram]

**ELECTRICAL SPECIFICATIONS**

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>12-24V DC</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>9-32V DC</td>
</tr>
<tr>
<td>Transient Spike Protection</td>
<td>150V Peak @ 1 HZ-100 Pulses</td>
</tr>
<tr>
<td>Black Wire</td>
<td>Ground</td>
</tr>
<tr>
<td>Yellow Wire</td>
<td>Low Beam</td>
</tr>
<tr>
<td>White Wire</td>
<td>High Beam</td>
</tr>
<tr>
<td>Current Draw</td>
<td>4.20A @ 12V DC (High Beam)</td>
</tr>
<tr>
<td></td>
<td>2.00A @ 12V DC (Low Beam)</td>
</tr>
<tr>
<td></td>
<td>2.30A @ 24V DC (High Beam)</td>
</tr>
<tr>
<td></td>
<td>1.10A @ 24V DC (Low Beam)</td>
</tr>
</tbody>
</table>
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REGULATORY STANDARDS COMPLIANCE

- Buy America Standards
- FMVSS 108 s10.1 (Table XIX)
- IEC IP67
- Eco Friendly
- FMVSS 108 s10.1 (Table XVIII)
- Tested to ECE Reg. 10 (Radiated Emissions only)

PHOTOMETRIC SPECIFICATIONS

- Raw Lumen Output: 3,200 (High Beam); 1,770 (Low Beam)
- Effective Lumen Output: 1,260 (High Beam); 750 (Low Beam)
- Candela Output: 54,000 (High Beam) 35,003 (Low Beam)
- Nominal LED Color Temperature: 5000 K
- Beam Pattern(s): Forward Lighting - High Beam (DOT)
  Forward Lighting - Low Beam (DOT)
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APPLICATIONS

ADDITIONAL INFORMATION

This light has been updated with Dual Burn™ high beam optics.

This technology combines your high and low beam when turning on your high beam, providing the driver with both widespread visibility along with a powerful punch of light down the road.

Installation:

Headlight must be securely mounted and properly aimed such that the beam pattern cut off line complies with all applicable regulations. If you are not familiar with the legal requirements for aiming your headlights, please see a professional service provider. We recommend that headlights are aimed with a headlight aiming system for proper alignment.

PRODUCT WARNINGS

For California residents:

⚠️ WARNING: Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

⚠️ AVERTISSEMENT: Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)
# LED Headlights - Model 8700 Evo 2 Dual Burn

## ACCESSORIES

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<td>H4/H4 Anti-Flicker Harness for J.W. Speaker LED headlights</td>
</tr>
<tr>
<td>3156351</td>
<td>Mounting Ring Kit for 7” Round (PAR56) Headlights</td>
</tr>
<tr>
<td>3266081</td>
<td>Jumper Harness H4/H13 for 8700 Evolution &amp; 8710 Series</td>
</tr>
<tr>
<td>8000311</td>
<td>Anti-Flicker Harness H4/H13 for 8700 Evolution Series</td>
</tr>
<tr>
<td>8200411</td>
<td>Wire Harness H4 for 7” Round (PAR56) Headlights</td>
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<tr>
<td>8200791</td>
<td>Thomas Built Bus 7” inch Headlight Mounting Kit</td>
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**Part Number 8000381**

- H4/H4 Anti-Flicker Harness for J.W. Speaker LED headlights

**Part Number 3156351**

- Mounting Ring Kit for 7” Round (PAR56) Headlights

**Part Number 3266081**

- Jumper Harness H4/H13 for 8700 Evolution & 8710 Series

**Part Number 8000311**

- Anti-Flicker Harness H4/H13 for 8700 Evolution Series

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- Wire Harness H4 for 7” Round (PAR56) Headlights

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- Thomas Built Bus 7” inch Headlight Mounting Kit
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RELATED PRODUCTS

Part Number 0554941
12-24V DOT LED High & Low Beam Headlight with Black Inner Bezel - Single Light

Part Number 0554961
12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel - Single Light

Part Number 0554981
12-24V DOT LED High & Low Beam Headlight with Black Inner Bezel & Mounting Ring - Single Light

Part Number 0554991
12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel & Mounting Ring - Single Light

Part Number 0556301
12-24V ECE LED RHT High & Low Beam Heated Headlight with Black Inner Bezel - Single Light

Part Number 0556311
12-24V ECE LED RHT High & Low Beam Heated Headlight with Chrome Inner Bezel - Single Light

Part Number 0556321
12-24V ECE LED LHT High & Low Beam Heated Headlight with Black Inner Bezel - Single Light