Adaptive LED Headlights – Model 8790 Adaptive 2

PRODUCT INFORMATION

Description
12V DOT/ECE LED High & Low Beam Adaptive Headlight with Chrome Inner Bezel and Mounting Ring

Height
177.20 mm / 6.98 in

Width
177.20 mm / 6.98 in

Depth
93.68 mm / 3.69 in

Shape
Round

Outer Lens Material
Polycarbonate

Outer Lens Color
Clear

Housing Material
Aluminum

Housing Color
Grey

Bezel Color
Chrome

Retrofits
Bucket 7\" Round Headlights (PAR56)

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
4.10 lbs / 1.86 kgs

Shipping Weight
4.10 lbs / 1.86 kgs
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PRODUCT DIMENSIONS

- Ø 6.98" (177.2mm)
- 1.29" (32.9mm) SEATING PLANE
- 3.00" (76.2mm)
- 9.83" (249.7mm)
- 0.56" (14.2mm)
- 1.65" (41.8mm)

ELECTRICAL SPECIFICATIONS

- **Input Voltage**: 12V DC
- **Operating Voltage**: 9-16V DC
- **Transient Spike Protection**: 150V Peak @ 1 HZ-100 Pulses
- **Black Wire**: Ground
- **White Wire**: High Beam
- **Yellow Wire**: Low Beam
- **Red Wire**: Front Position
- **Current Draw**:
  - 2.9A @ 13.5V DC (High Beam)
  - 1.9A @ 13.5V DC (Low Beam)
  - 0.092A @ 13.5V DC (Front Position)
  - 3.5A @ 13.5V DC (Low Beam at Full Lean)
  - 4.5A @ 13.5V DC (High Beam at Full Lean)
Regulatory Standards Compliance

ECE Reg 113
FMVSS 108 s10.1 (Table XX)
Tested to ECE Reg. 10
(Radiated Emissions only)

Photometric Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>High Beam</th>
<th>Low Beam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw Lumen Output</td>
<td>2,250</td>
<td>2,025</td>
</tr>
<tr>
<td>Effective Lumen Output</td>
<td>1,150</td>
<td>850</td>
</tr>
<tr>
<td>Candela Output</td>
<td>48,000</td>
<td>11,500</td>
</tr>
<tr>
<td>Nominal LED Color Temperature</td>
<td>5000 K</td>
<td></td>
</tr>
<tr>
<td>Beam Pattern(s)</td>
<td>Forward Lighting - High Beam (DOT/ECE)</td>
<td>Forward Lighting - Low Beam (DOT/ECE)</td>
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</tbody>
</table>
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APPLICATIONS

ADDITIONAL INFORMATION

Improvements over the original Adaptive Series
The NEW Adaptive 2 Series headlights have been improved to feature Adaptive technology when using the high beam, in addition to the low beam. Providing ditch-to-ditch lighting to eliminate dark corners on sharp turns and a punch of light 1,500 feet down the road to give you a safer and more confident ride.

Red Wire
Note about Front Position: The front position light is a requirement outside the United States. If your bike is operated in the United States you do NOT need to connect this wire (red) unless your bike is equipped with a front position light.

PRODUCT WARNINGS

For California residents:
⚠ WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov.
⚠ AVERTISSEMENT: Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.

ACCESSORIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>3156351</td>
<td>Mounting Ring Kit for 7&quot; Round (PAR56) Headlights</td>
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<tr>
<td>8200411</td>
<td>Wire Harness H4 for 7&quot; Round (PAR56) Headlights</td>
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RELATED PRODUCTS

- **Part Number 0555011**
  12V DOT/ECE LED High & Low Beam Adaptive Headlight with Black Inner Bezel

- **Part Number 0555031**
  12V DOT/ECE LED High & Low Beam Adaptive Headlight with Chrome Inner Bezel

- **Part Number 0555051**
  12V DOT/ECE LED High & Low Beam Adaptive Headlight with Black Inner Bezel and Mounting Ring