Adaptive LED Headlights – Model 8790 Adaptive 2

PRODUCT INFORMATION

Description
12V DOT/ECE LED High & Low Beam Adaptive Headlight with Black Inner Bezel

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
Black

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
3.40 lbs / 1.54 kgs

Shipping Weight
3.25 lbs / 1.47 kgs
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PRODUCT DIMENSIONS

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)
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REGULATORY STANDARDS COMPLIANCE

Buy America Standards  ECE Reg 113
ECE Reg 50  Eco Friendly
FMVSS 108 s10.1 (Table XX)  IEC IP67
Tested to ECE Reg. 10  (Radiated Emissions only)

PHOTOMETRIC SPECIFICATIONS

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

Adaptive LED Headlights – Model 8790 Adaptive 2

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](http://www.P65Warnings.ca.gov)

⚠️ AVERTISSEMENT: Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

ACCESSORIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<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

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<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>0555031</td>
<td>12V DOT/ECE LED High &amp; Low Beam Adaptive Headlight with Chrome Inner Bezel</td>
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<tr>
<td>0555051</td>
<td>12V DOT/ECE LED High &amp; Low Beam Adaptive Headlight with Black Inner Bezel and Mounting Ring</td>
</tr>
<tr>
<td>0555061</td>
<td>12V DOT/ECE LED High &amp; Low Beam Adaptive Headlight with Chrome Inner Bezel and Mounting Ring</td>
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