

# Adaptive LED Motorcycle Headlights – Model 8790 A2

## 0555011



### Product Information

<b>Description</b>	Model 8790 A2 - 12V Adaptive LED Motorcycle Headlight - Black Bezel
<b>Height</b>	177.20 mm / 6.98 in
<b>Width</b>	177.20 mm / 6.98 in
<b>Depth</b>	93.68 mm / 3.69 in
<b>Shape</b>	Round
<b>Outer Lens Material</b>	Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Bezel Color</b>	Black
<b>Retrofits</b>	Bucket 7" Round Headlights (PAR56)
<b>Minimum Operating Temperature</b>	-40 °C
<b>Maximum Operating Temperature</b>	65 °C
<b>Connector or Wiring</b>	H4
<b>Mating Connector</b>	H4 AMP# 172615-2
<b>Product Weight</b>	3.40 lbs / 1.54 kgs
<b>Shipping Weight</b>	3.25 lbs / 1.47 kgs



### Electrical Specifications

<b>Input Voltage</b>	12V DC
<b>Operating Voltage</b>	9-16V DC
<b>Black Wire</b>	Ground
<b>White Wire</b>	High Beam
<b>Yellow Wire</b>	Low Beam
<b>Red Wire</b>	Front Position
<b>Current Draw</b>	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)

## Photometric Specifications

<b>Raw Lumen Output</b>	2,250 (High Beam), 2,025 (Low Beam)
<b>Effective Lumen Output</b>	1,150 (High Beam), 850 (Low Beam)
<b>Candela Output</b>	48,000 (High Beam), 1,150 (Low Beam)
<b>Nominal LED Color Temperature</b>	5000 K
<b>Beam Pattern(s)</b>	Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position

## Additional Specifications

<b>IP Rating</b>	IP67
<b>Warranty</b>	Please refer to the Warranty Statement which is available for download on the website
<b>Certification</b>	ECE Reg 50 & 113, Tested to ECE Reg. 10 (Radiated Emissions only), FMVSS 108 s10.1 (Table XX)
<b>Pack Quantity</b>	1

## 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.