

Adaptive LED Motorcycle Headlights – Model 8790 A2

0555031



Product Information

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| Description | Model 8790 A2 - 12V Adaptive LED Motorcycle Headlight - Chrome 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 |
| Bezel Color | Chrome |
| Retrofits | Bucket 7" Round Headlights (PAR56) |
| Minimum Operating Temperature | -40 °C |
| Maximum Operating Temperature | 65 °C |
| 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 |



Electrical Specifications

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| Input Voltage | 12V DC |
| Operating Voltage | 9-16V DC |
| 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) |

Photometric Specifications

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

Additional Specifications

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