Adaptive LED Motorcycle Headlights – Model 8790 A2

0555031

Product Information

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

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)

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Photometric Specifications

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

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.

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