

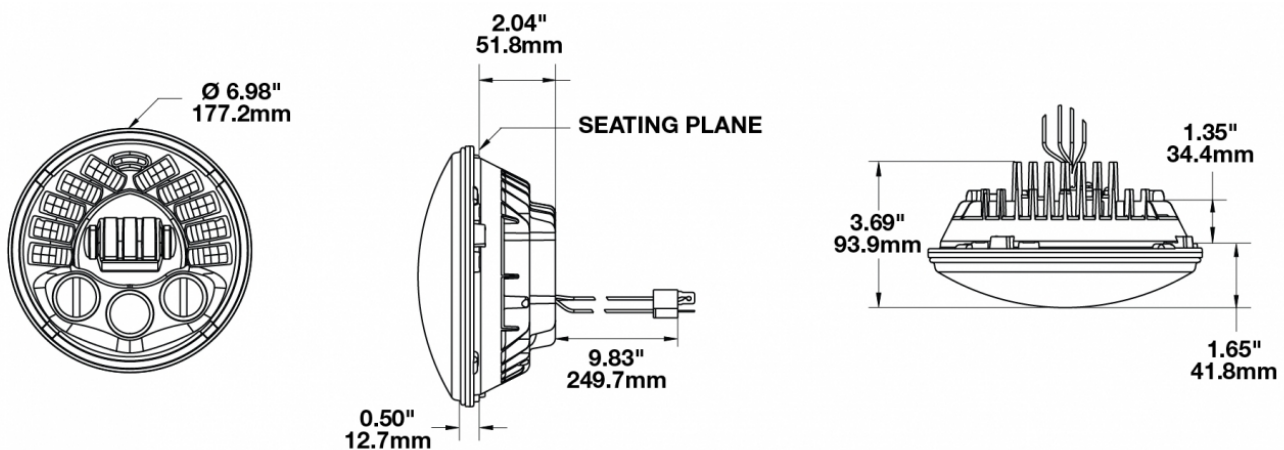
# Motorcycle LED Headlights - Model 8790

## PRODUCT INFORMATION

|                                      |                                                                  |
|--------------------------------------|------------------------------------------------------------------|
| <b>Description</b>                   | 12V DOT/ECE LED High & Low Beam Headlight with Black Inner 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>Housing Material</b>              | Die-Cast Aluminum                                                |
| <b>Bezel Color</b>                   | Black                                                            |
| <b>Retrofits</b>                     | Bucket, 7" Round Headlights, PAR56                               |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F                                                  |
| <b>Maximum Operating Temperature</b> | 60 °C / 140 °F                                                   |
| <b>Connector or Wiring</b>           | H4                                                               |
| <b>Mating Connector</b>              | H4 AMP#172615-2                                                  |
| <b>Shipping Weight</b>               | 3.13 lbs / 1.42 kgs                                              |



## PRODUCT DIMENSIONS



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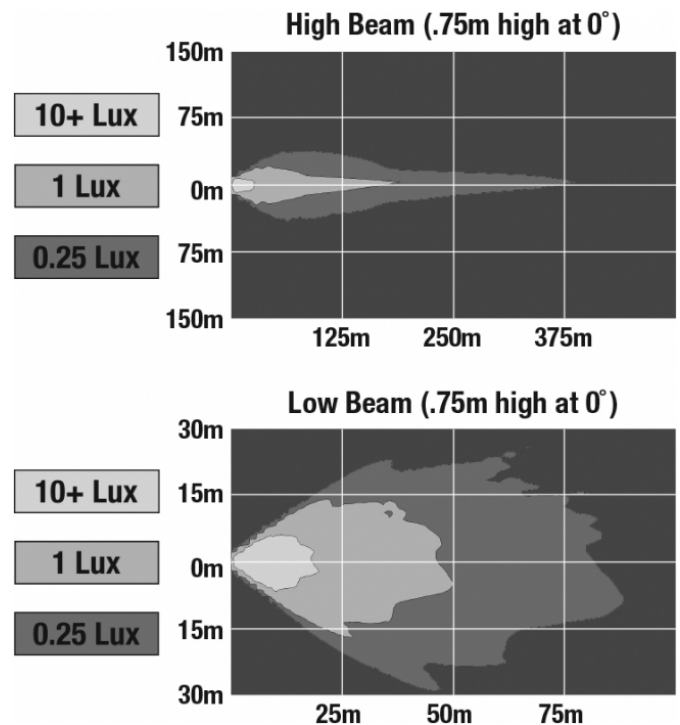
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## ELECTRICAL SPECIFICATIONS

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| <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>      | 1.9A @ 13.5V DC (LOW BEAM)<br>2.9A @ 13.5V DC (HIGH BEAM) |

## PHOTOMETRIC SPECIFICATIONS

|                                      |                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Raw Lumen Output</b>              | 2,250 (High Beam); 2025 (Low Beam)                                                                                |
| <b>Effective Lumen Output</b>        | 1,150 (High Beam); 850 (Low Beam)                                                                                 |
| <b>Candela Output</b>                | 48,000 (High Beam); 11,500 (Low Beam)                                                                             |
| <b>Nominal LED Color Temperature</b> | 5000 K                                                                                                            |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT/ECE)<br>Signalization - Front Position |



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## APPLICATIONS

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## ACCESSORIES

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**Part Number**  
**3156351**

Mounting Ring Kit for  
7" Round (PAR56)  
Headlights



**Part Number**  
**8200411**

Wire Harness H4 for 7"  
Round (PAR56)  
Headlights

## RELATED PRODUCTS

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**Part Number**  
**0553431**

12V DOT/ECE LED High  
& Low Beam Headlight  
with Chrome Inner  
Bezel

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