

# LED Headlights – Model 8800 Evolution 2

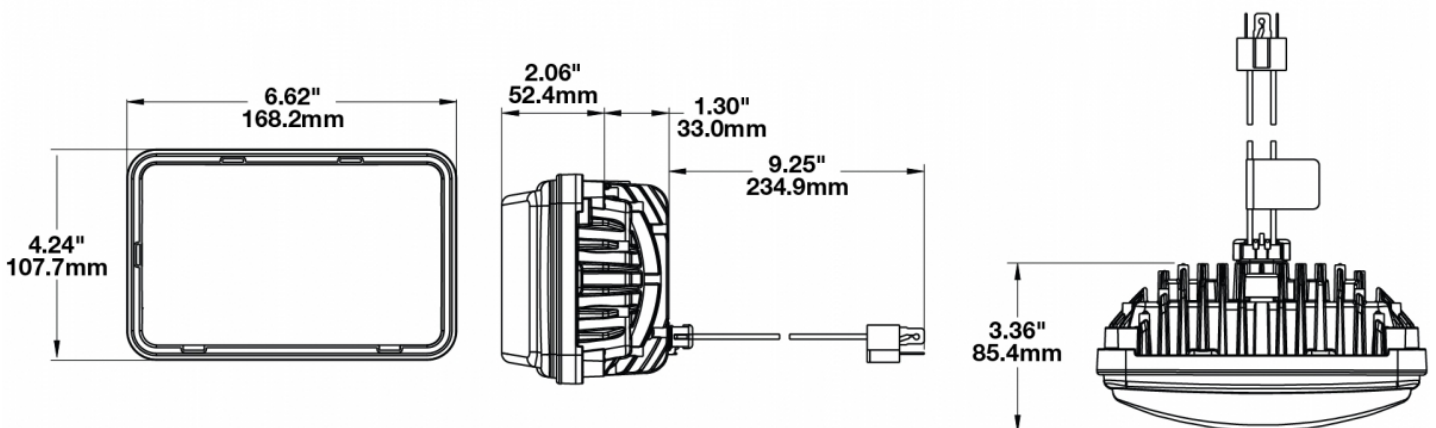
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### Product Information

|                                      |   |
|--------------------------------------|---|
| <b>Description</b>                   | Model 8800 EVO 2 - 12/24V LED Headlight Insert - Black (Low Beam) |
| <b>Height</b>                        | 107.19 mm / 4.22 in   |
| <b>Width</b>                         | 167.64 mm / 6.6 in  |
| <b>Depth</b>                         | 84.90 mm / 3.34 in  |
| <b>Shape</b>                         | Rectangular   |
| <b>Outer Lens Material</b>           | Hardcoated Polycarbonate  |
| <b>Outer Lens Color</b>              | Clear   |
| <b>Housing Material</b>              | Die-Cast Aluminum   |
| <b>Housing Color</b>                 | Black   |
| <b>Bezel Color</b>                   | Black   |
| <b>Retrofits</b>                     | 1A1 and 2A1 (4" 1 6") sealed beams                                |
| <b>Minimum Operating Temperature</b> | -40 °C  |
| <b>Maximum Operating Temperature</b> | 65 °C   |
| <b>Connector or Wiring</b>           | H4 Connector - AMP (#172615-2)                                    |
| <b>Mating Connector</b>              | LH Terminal - AMP (#172795-1); RH Terminal - AMP (#172796-1)      |
| <b>Shipping Weight</b>               | 2.30 lbs / 1.04 kgs   |



### Product Dimensions

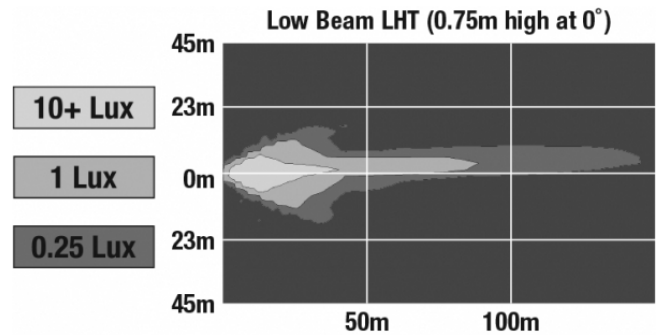


## Electrical Specifications

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Input Voltage</b>     | 12-24V DC                        |
| <b>Operating Voltage</b> | 9-32V DC                         |
| <b>White Wire</b>        | Low Beam                         |
| <b>Black Wire</b>        | Ground                           |
| <b>Yellow Wire</b>       | Low Beam                         |
| <b>Current Draw</b>      | 2.10A @ 12V DC<br>1.00A @ 24V DC |

## Photometric Specifications

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 2,830                                       |
| <b>Effective Lumen Output</b>        | 782   |
| <b>Candela Output</b>                | 29,800                                      |
| <b>Nominal LED Color Temperature</b> | 5000 K                                      |
| <b>Beam Pattern(s)</b>               | Forward Lighting - Low Beam (ECE Left Hand) |



## 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 112, FMVSS 108 Table XIX  |
| <b>Pack Quantity</b> | 1   |