

# LED Headlights – Model 8900 Evolution 2

## 0554431

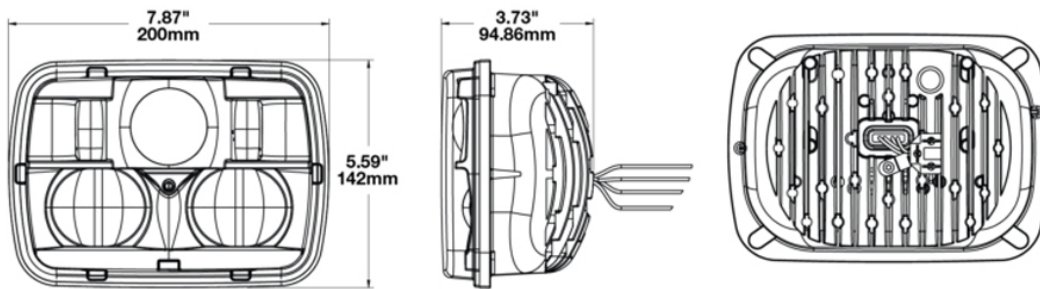


### Product Information

|                                      |   |
|--------------------------------------|---|
| <b>Description</b>                   | Model 8900 EVO 2 - 12/24V LED Headlight Insert - Chrome |
| <b>Height</b>                        | 141.99 mm / 5.59 in                                     |
| <b>Width</b>                         | 199.90 mm / 7.87 in                                     |
| <b>Depth</b>                         | 95.00 mm / 3.74 in                                      |
| <b>Shape</b>                         | Rectangular   |
| <b>Outer Lens Material</b>           | Polycarbonate   |
| <b>Outer Lens Color</b>              | Clear   |
| <b>Housing Material</b>              | Die-Cast Aluminum                                       |
| <b>Housing Color</b>                 | Black   |
| <b>Bezel Color</b>                   | Chrome  |
| <b>Retrofits</b>                     | 2B1 5" X 7" Headlights                                  |
| <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>                | 2.63 lbs / 1.19 kgs                                     |
| <b>Shipping Weight</b>               | 3.76 lbs / 1.71 kgs                                     |



## Product Dimensions



## Electrical Specifications

|                          |  |
|--------------------------|--|
| <b>Input Voltage</b>     | 12-24V DC  |
| <b>Operating Voltage</b> | 10-32V DC  |
| <b>Black Wire</b>        | Ground   |
| <b>Yellow Wire</b>       | Low Beam   |
| <b>White Wire</b>        | High Beam  |
| <b>Red Wire</b>          | Front Position*  |
| <b>Current Draw</b>      | 1.94A @ 12V DC (High Beam)<br>1.67A @ 12V DC (Low Beam)<br>0.22A @ 12V DC (Front Position)<br>1.03A @ 24V DC (High Beam)<br>0.87A @ 24V DC (Low Beam)<br>0.16A @ 24V DC (Front Position) |

## Photometric Specifications



|                               |   |
|-------------------------------|---|
| <b>Raw Lumen Output</b>       | 2,640 (High Beam); 2,250 (Low Beam)   |
| <b>Effective Lumen Output</b> | 1,200 (High Beam); 975 (Low Beam)   |
| <b>Beam Pattern(s)</b>        | Forward Lighting - High Beam (ECE)<br>Forward Lighting - Low Beam (ECE Left Hand)<br>Signalization - Front Position |

## Additional Specifications



|                      |   |
|----------------------|---|
| <b>IP Rating</b>     | IP69K   |
| <b>Warranty</b>      | Please refer to the Warranty Statement which is available for download on the website |
| <b>Certification</b> | ECE Reg 7, 10 & 112   |
| <b>Pack Quantity</b> | 1   |

## Additional Information



\*Front position light is a requirement outside of North America. If your vehicle is operated in North America, you do not need to connect this wire unless your vehicle is equipped with a front position light.