

# LED Headlights – Model 8900 Evolution 2

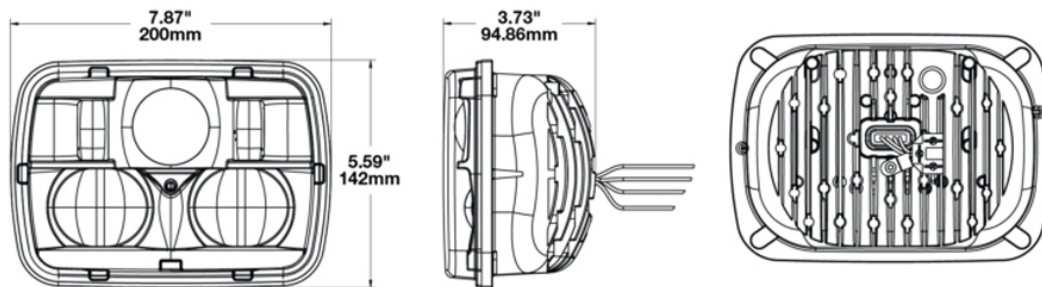
## 0554451

### Product Information

<b>Description</b>	Model 8900 EVO 2 - 12/24V LED Headlight Insert - Black
<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>	Black
<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) 1.67A @ 12V DC (Low Beam) 0.22A @ 12V DC (Front Position) 1.03A @ 24V DC (High Beam) 0.87A @ 24V DC (Low Beam) 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) Forward Lighting - Low Beam (ECE Left Hand) 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.