

# LED Headlights – Model 6130 Evolution

## 0549891

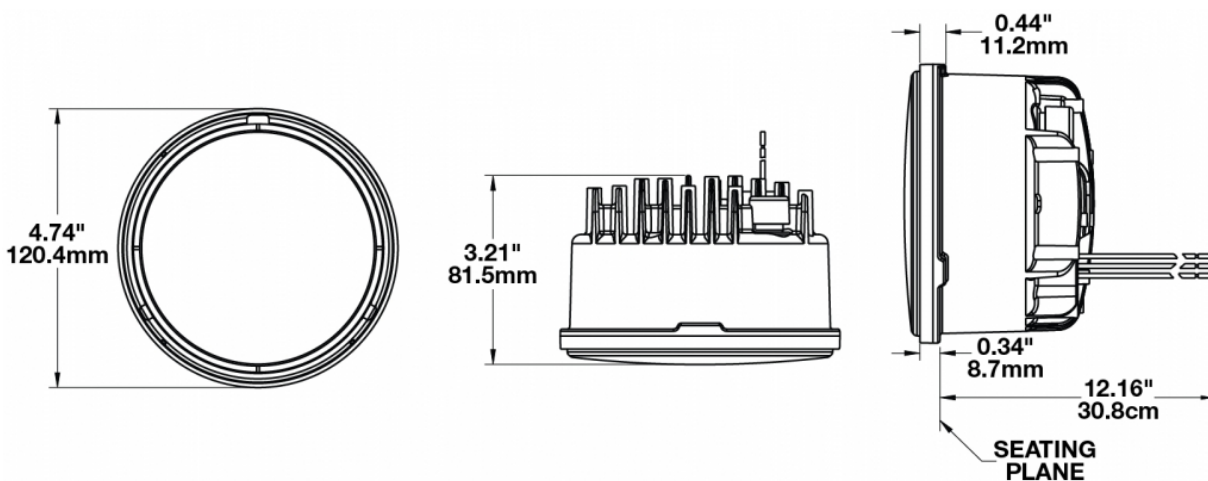


### Product Information

|                            |   |
|----------------------------|---|
| <b>Description</b>         | Model 6130 EVO - 12/24V LED Headlight Insert (Low Beam, High Beam & Park) |
| <b>Height</b>              | 120.40 mm / 4.74 in   |
| <b>Width</b>               | 120.40 mm / 4.74 in   |
| <b>Depth</b>               | 81.53 mm / 3.21 in  |
| <b>Shape</b>               | Round   |
| <b>Outer Lens Material</b> | Polycarbonate   |
| <b>Outer Lens Color</b>    | Clear   |
| <b>Housing Color</b>       | Black   |
| <b>Bezel Color</b>         | Black   |
| <b>Connector or Wiring</b> | 12" Flying Leads  |
| <b>Mating Connector</b>    | n/a   |
| <b>Product Weight</b>      | 1.50 lbs / 0.68 kgs   |



### Product Dimensions

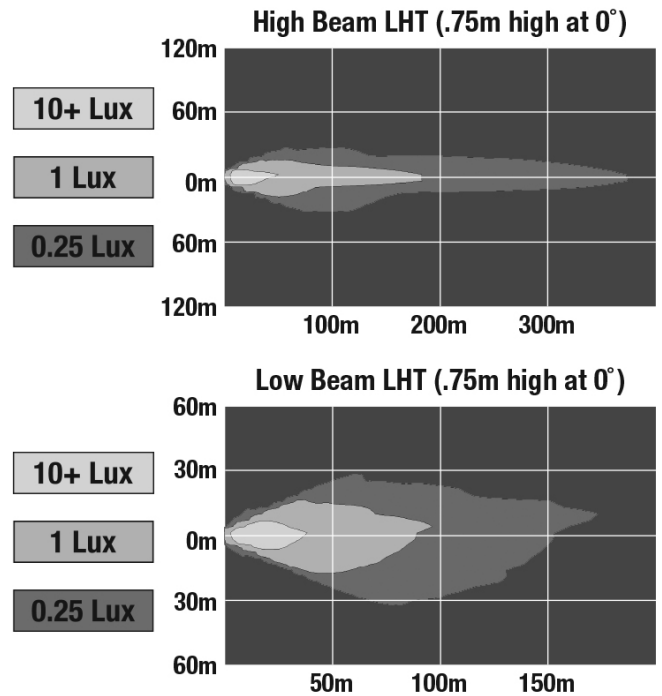


## Electrical Specifications

|                          |  |
|--------------------------|--|
| <b>Input Voltage</b>     | 12-24V DC  |
| <b>Operating Voltage</b> | 10-30V 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>      | 3.00A @ 12V DC (High Beam)<br>1.43A @ 24V DC (High beam)<br>2.30A @ 12V DC (Low Beam)<br>1.01A @ 24V DC (Low Beam)<br>0.12A @ 12V DC (Front Position)<br>0.09A @ 24V DC (Front Position) |

## Photometric Specifications

|                               |   |
|-------------------------------|---|
| <b>Raw Lumen Output</b>       | 2,230 (High Beam); 1,330 (Low Beam)   |
| <b>Effective Lumen Output</b> | 840 (High Beam); 440 (Low Beam)   |
| <b>Beam Pattern(s)</b>        | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (ECE Left Hand)<br>Signalization - Front Position |



## 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 7 & 112   |
| <b>Pack Quantity</b> | 1   |

## Additional Information



Jump Start: 48V for 2 min  
Reverse Polarity: -24V for 2 min  
Load Dump: 150V 5 pulses 10 sec intervals  
Inductive Switching: 600V 10 pulses 1 sec intervals  
Mutual Coupling: 300V 10 pulses 1 sec intervals