

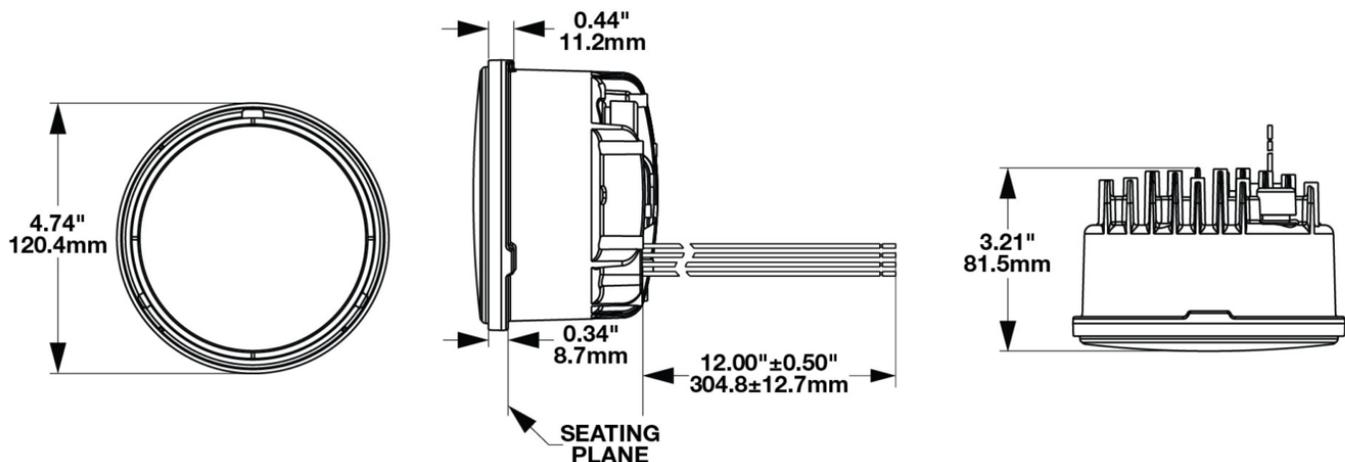
# LED Headlights - Model 6130 Evolution

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Description</b>         | 12-24V ECE LED LHT High & Low Beam Headlight with Front Position |
| <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 Material</b>    | Aluminum   |
| <b>Housing Color</b>       | Black  |
| <b>Bezel Color</b>         | Black  |
| <b>Connector or Wiring</b> | 300mm Flying Leads   |
| <b>Mating Connector</b>    | n/a  |
| <b>Product Weight</b>      | 1.50 lbs / 0.68 kgs  |
| <b>Shipping Weight</b>     | 2.00 lbs / 0.91 kgs  |



## PRODUCT DIMENSIONS



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 Engineered. Lighting. Solutions.

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## ELECTRICAL SPECIFICATIONS

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|                                   |  |
|-----------------------------------|--|
| <b>Input Voltage</b>              | 12-24V DC  |
| <b>Operating Voltage</b>          | 10-30V DC  |
| <b>Transient Spike Protection</b> | 150V Peak @ 1 HZ-100 Pulses  |
| <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) |

## REGULATORY STANDARDS COMPLIANCE

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Buy America Standards  
ECE Reg 7  
IEC IP67

ECE Reg 112  
Eco Friendly

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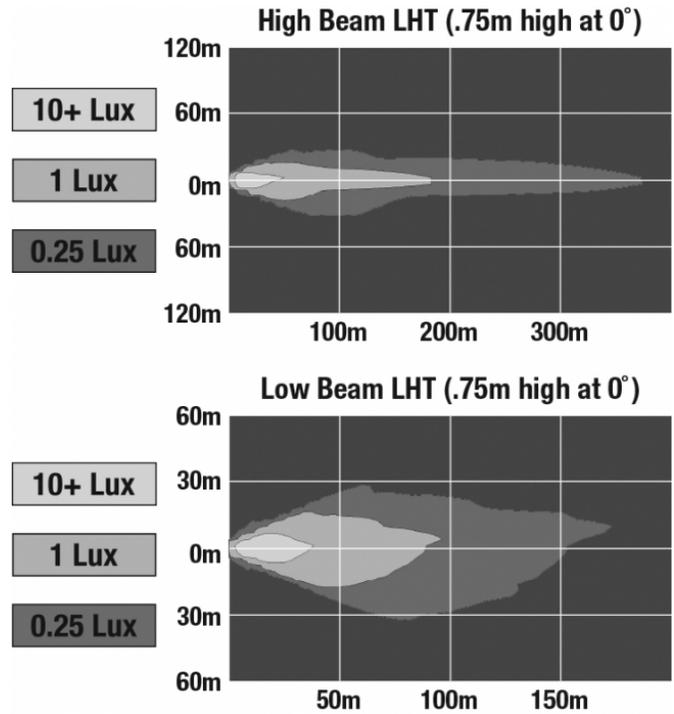
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## PHOTOMETRIC SPECIFICATIONS

|                               |   |
|-------------------------------|---|
| <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 |



## APPLICATIONS



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## ADDITIONAL INFORMATION

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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

## PRODUCT WARNINGS

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For California residents:

⚠ **WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## RELATED PRODUCTS

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### **Part Number**

**0549881**

12-24V DOT/ECE LED  
RHT High & Low Beam  
Headlight with Front  
Position

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