

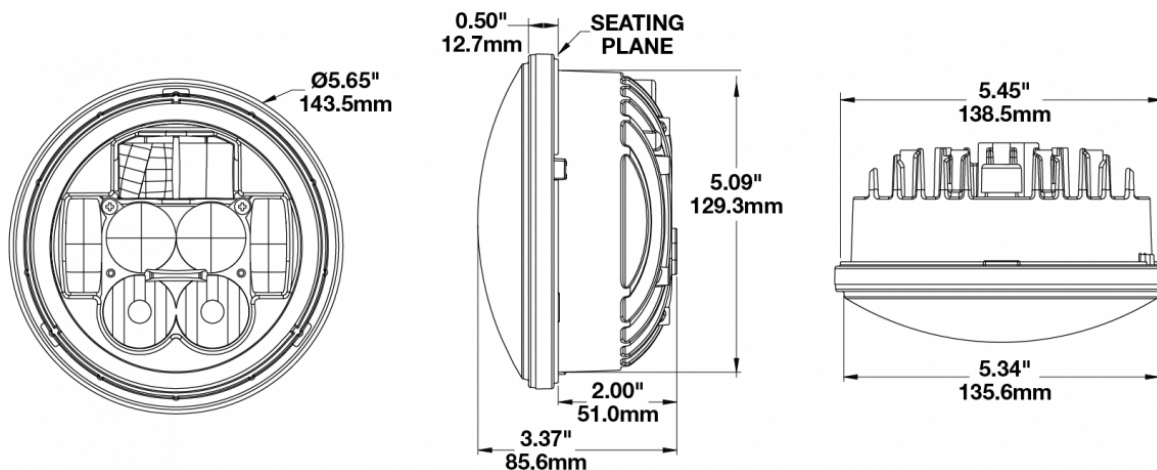
# LED Headlights – Model 8630 Evolution

## PRODUCT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Description</b>                   | 12-24V DOT LED High & Low Beam Headlight                 |
| <b>Height</b>                        | 142.24 mm / 5.6 in                                       |
| <b>Width</b>                         | 142.24 mm / 5.6 in                                       |
| <b>Depth</b>                         | 86.36 mm / 3.4 in  |
| <b>Shape</b>                         | Round  |
| <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>Minimum Operating Temperature</b> | -34 °C / -29.2 °F  |
| <b>Maximum Operating Temperature</b> | 49 °C / 120.2 °F   |
| <b>Connector or Wiring</b>           | Integral Connector in Housing simulating Delphi 12124107 |
| <b>Mating Connector</b>              | Delphi 12052848  |
| <b>Product Weight</b>                | 1.86 lbs / 0.84 kgs                                      |
| <b>Shipping Weight</b>               | 2.60 lbs / 1.18 kgs                                      |



## PRODUCT DIMENSIONS



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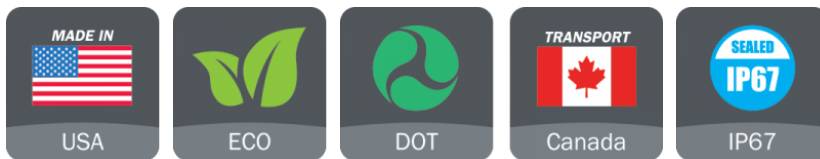
## ELECTRICAL SPECIFICATIONS

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|                                   |   |
|-----------------------------------|---|
| <b>Input Voltage</b>              | 12-24V DC   |
| <b>Operating Voltage</b>          | 10-32V DC   |
| <b>Transient Spike Protection</b> | 150V Peak @ 1 HZ-100 Pul  |
| <b>Yellow Wire</b>                | Low Beam  |
| <b>White Wire</b>                 | High Beam   |
| <b>Black Wire</b>                 | Ground  |
| <b>Current Draw</b>               | 2.20A @ 12V DC (Low Beam)<br>1.70A @ 14V DC (Low Beam)<br>1.10A @ 24V DC (Low Beam)<br>3.50A @ 12V DC (High Beam)<br>2.70A @ 14V DC (High Beam)<br>1.70A @ 24V DC (High Beam) |

## REGULATORY STANDARDS COMPLIANCE

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|                             |                               |
|-----------------------------|-------------------------------|
| Buy America Standards       | Eco Friendly                  |
| FMVSS 108 s10.1 (Table XIX) | FMVSS 108 s10.1 (Table XVIII) |
| IEC IP67                    |                               |

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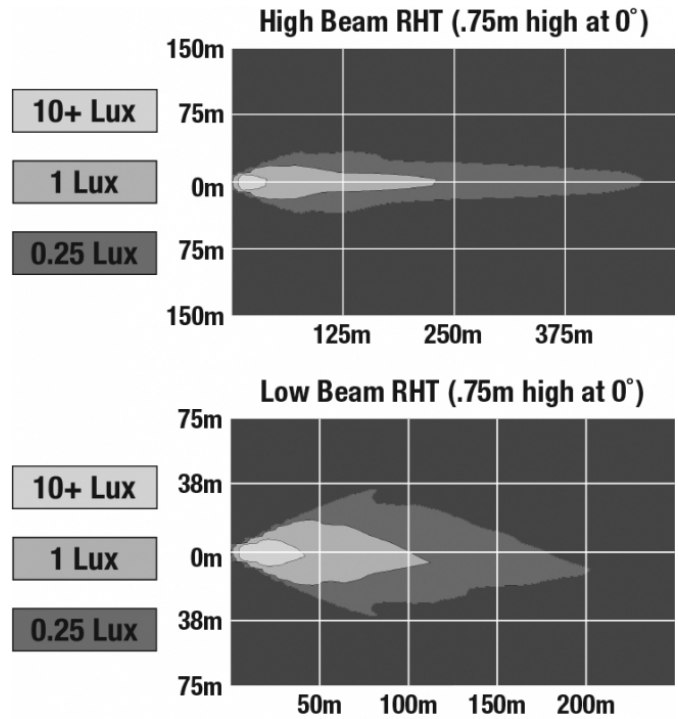
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 2,925 (High Beam); 2,025 (Low Beam)   |
| <b>Effective Lumen Output</b>        | 1,000 (High Beam); 630 (Low Beam)   |
| <b>Candela Output</b>                | 61,684 (High Beam); 19,162 (Low Beam)                                       |
| <b>Nominal LED Color Temperature</b> | 5000 K  |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT) |



## APPLICATIONS



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## 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).

## ACCESSORIES

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**Part Number**  
**3157751**

Double Ring Kit  
Mounting Assembly for  
LED Headlight Model  
8630



**Part Number**  
**8200001**

Single Ring Kit  
Mounting Assembly for  
LED Headlight Model  
8630



**Part Number**  
**8200071**

Mounting Ring Kit for  
5.75" Round (PAR46)  
Headlights - PIERCE