

# LED Headlights - Model 8700 Evolution J2 Series

## PRODUCT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Description</b>                   | 12V DOT LED High & Low Beam Headlights with Carbon Fiber Bezel - 2 Light Kit |
| <b>Height</b>                        | 176.53 mm / 6.95 in  |
| <b>Width</b>                         | 176.53 mm / 6.95 in  |
| <b>Depth</b>                         | 99.82 mm / 3.93 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>                 | Gray   |
| <b>Bezel Color</b>                   | Black Carbon Fiber   |
| <b>Retrofits</b>                     | 7" Round Headlights or 2D1 PAR56   |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F  |
| <b>Maximum Operating Temperature</b> | 65 °C / 149 °F   |
| <b>Connector or Wiring</b>           | H13 Delphi 15326813  |
| <b>Product Weight</b>                | 4.75 lbs / 2.15 kgs  |
| <b>Shipping Weight</b>               | 6.55 lbs / 2.97 kgs  |



## PRODUCT DIMENSIONS



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## ELECTRICAL SPECIFICATIONS

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|                                   |   |
|-----------------------------------|---|
| <b>Input Voltage</b>              | 12V DC  |
| <b>Operating Voltage</b>          | 9-16V DC  |
| <b>Transient Spike Protection</b> | 150V Peak @ 1 HZ-100 Pulses                             |
| <b>Black Wire</b>                 | Ground  |
| <b>White Wire</b>                 | High Beam   |
| <b>Yellow Wire</b>                | Low Beam  |
| <b>Current Draw</b>               | 4.20A @ 12V DC (High Beam)<br>2.00A @ 12V DC (Low Beam) |

## REGULATORY STANDARDS COMPLIANCE

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Buy America Standards

FMVSS 108 s10.1 (Table XIX)

IEC IP67

Eco Friendly

FMVSS 108 s10.1 (Table XVIII)

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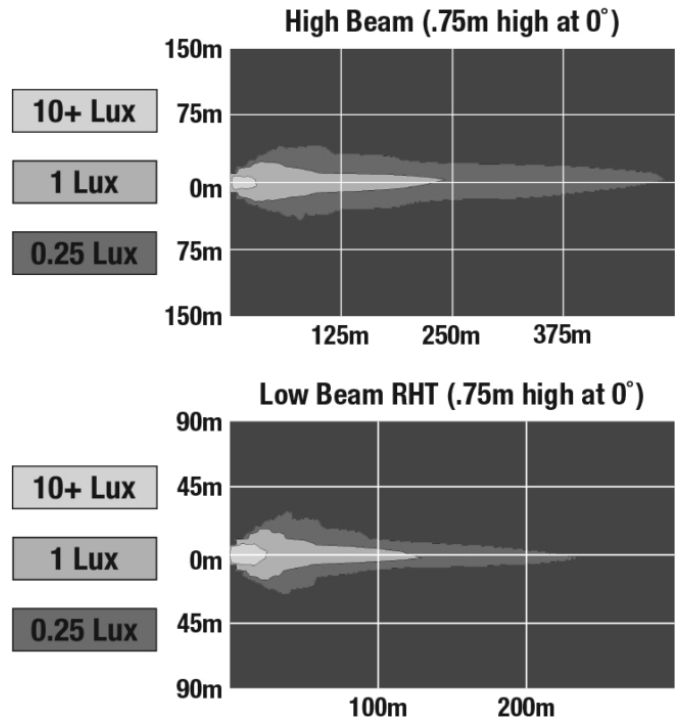
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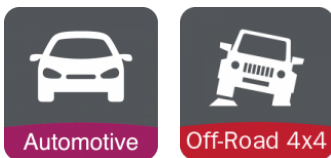
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 3,200 (High Beam); 1,770 (Low Beam)                                     |
| <b>Effective Lumen Output</b>        | 1,260 (High Beam); 750 (Low Beam)                                       |
| <b>Candela Output</b>                | 71,500 (High Beam); 35,003 (Low Beam)                                   |
| <b>Nominal LED Color Temperature</b> | 5000 K  |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT)<br>Forward Lighting - Low Beam (DOT) |



## APPLICATIONS



## INSTALLATION & APPLICATION INFORMATION

The Model 8700 Evolution J2 Series is intended for use on 2007+ Jeep Wranglers & Jeep Wrangler Unlimited.

Depending on your 2017 Jeep Model, you may need mounting rings to install Model 8700 Evolution J2 LED headlight upgrades. Refer to the table below:

✖

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## ADDITIONAL INFORMATION

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**This light has been updated with Dual Burn™ high beam optics.**

This technology combines your high and low beam when turning on your high beam, providing the driver with both widespread visibility along with a powerful punch of light down the road.



## 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**

**5868171**

Single Mounting Ring  
(Right Hand Side) for  
2017 Jeeps 7" Round  
Headlights



**Part Number**

**5868181**

Single Mounting Ring  
(Left Hand Side) for  
2017 Jeeps 7" Round  
Headlights



**Part Number**

**8200693**

8700 Evolution J2  
Mounting Kit for Jeep  
JL



**Part Number**

**8200461**

Mounting Ring Kit for  
2017-18 Jeep JK 7"  
Round Headlights

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## RELATED PRODUCTS

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**Part Number**  
**0553983**

12V ECE RHT LED High & Low Beam Headlights with FP, DRL, & Carbon Fiber Bezel - 2 Light Kit



**Part Number**  
**0553993**

12V ECE LHT LED High & Low Beam Headlights with FP, DRL, & Carbon Fiber Bezel - 2 Light Kit



**Part Number**  
**0554543**

12V DOT LED High & Low Beam Headlights with Black Bezel - 2 Light Kit



**Part Number**  
**0554553**

12V ECE RHT LED High & Low Beam Headlights with FP, DRL, & Black Bezel - 2 Light Kit



**Part Number**  
**0554563**

12V ECE LHT LED High & Low Beam Headlights with FP, DRL, & Black Bezel - 2 Light Kit