

# LED Headlights - Model 8700 Evolution 2

## PRODUCT INFORMATION

<b>Description</b>	12-24V ECE LED RHT High & Low Beam Headlight with FP, DRL & Black Inner Bezel
<b>Height</b>	176.53 mm / 6.95 in
<b>Width</b>	252.73 mm / 9.95 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>	Aluminum
<b>Housing Color</b>	Gray
<b>Bezel Color</b>	Black
<b>Retrofits</b>	2D1 "PAR56" or 7" round headlights
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	H4
<b>Mating Connector</b>	H4 AMP#172615-2
<b>Product Weight</b>	2.31 lbs / 1.05 kgs



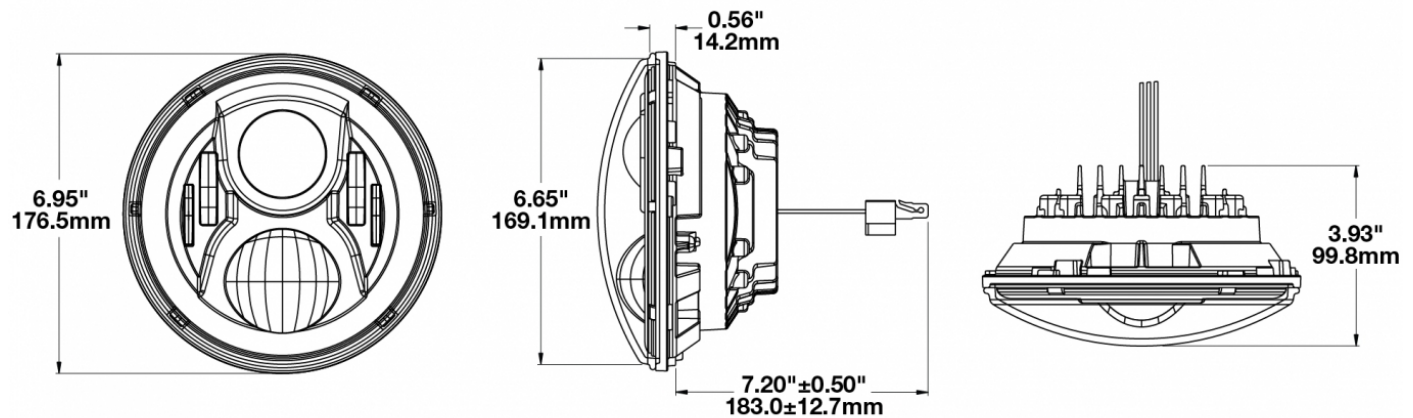
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[www.jwspeaker.com](http://www.jwspeaker.com) • [speaker@jwspeaker.com](mailto:speaker@jwspeaker.com) • 262.251.6660

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 Engineered. Lighting. Solutions.

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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	9-32V 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>Red Wire</b>	Front Position
<b>Blue Wire</b>	DRL
<b>Current Draw</b>	3.00A @ 12V DC (High Beam) 2.00A @ 12V DC (Low Beam) 1.60A @ 24V DC (High Beam) 1.10A @ 24V DC (Low Beam) 1.60A @ 12V DC (DRL) 0.80A @ 24V DC (DRL) 0.16A @ 12V DC (Front Position) 0.10A @ 24V DC (Front Position)

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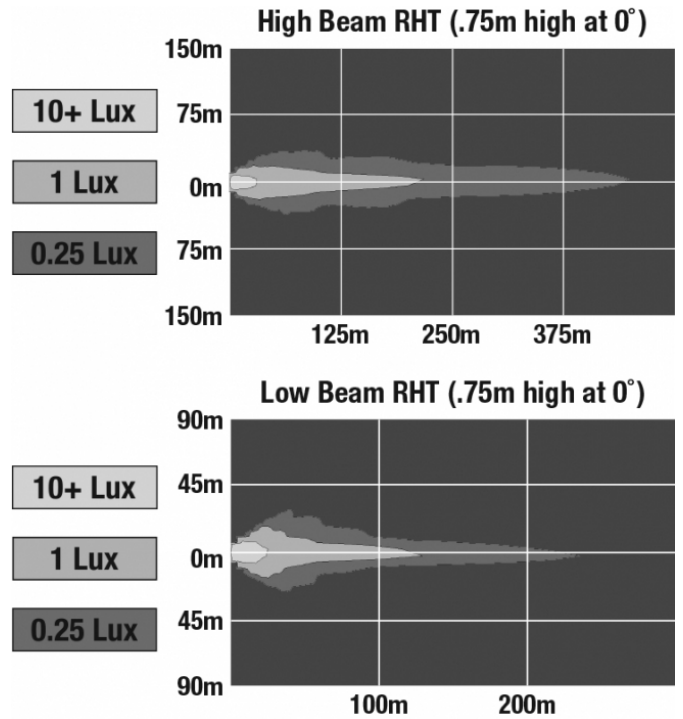
## REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 112
ECE Reg 7	ECE Reg 87
Eco Friendly	IEC IP67

## PHOTOMETRIC SPECIFICATIONS

<b>Raw Lumen Output</b>	2,610 (High Beam); 1,770 (Low Beam)
<b>Effective Lumen Output</b>	1,150 (High Beam); 750 (Low Beam)
<b>Candela Output</b>	60,897 (High Beam) 35,003 (Low Beam)
<b>Nominal LED Color Temperature</b>	5000 K
<b>Beam Pattern(s)</b>	Forward Lighting - Daytime Running Light Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (ECE Right Hand) Signalization - Front Position



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## APPLICATIONS

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## ADDITIONAL INFORMATION

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Headlight must be securely mounted and properly aimed such that the beam pattern cut off line complies with all applicable regulations. If you are not familiar with the legal requirements for aiming your headlights, please see a professional service provider. We recommend that headlights are aimed with a headlight aiming system for proper alignment.

### Fits the following vehicles:

1955-1983 Jeep CJ-5\*

1976-1986 Jeep CJ-7\*

1981-1985 Jeep CJ-8\*

1997-2006 Jeep Wrangler (TJ)

2007-2015 Jeep Wrangler 2-Door (JK)

2007-2015 Jeep Wrangler Unlimited 4-Door (JK)

\*Some modification of the bucket may be required

## ECE-COMPLIANCE

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**This light is ECE-compliant and is not for use on-road in the U.S.**

To be ECE-compliant guarantees your lights are compliant in the European Union and in non-European countries that have adopted ECE Regulations for visibility, durability, and reliability.

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## ACCESSORIES

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**Part Number**  
**3156351**  
Mounting Ring Kit for  
7" Round (PAR56)  
Headlights



**Part Number**  
**3156561**  
Panel Mount Bucket  
Assembly for 8700  
Evolution & 8710  
Series



**Part Number**  
**3266081**  
Jumper Harness  
H4/H13 for 8700  
Evolution & 8710  
Series



**Part Number**  
**8000311**  
Anti-Flicker Harness  
H4/H13 for 8700  
Evolution Series  
Headlights



**Part Number**  
**8000381**  
Anti-Flicker Harness  
H4/H4 for 8700  
Evolution Series  
Headlights

# LED Headlights - Model 8700 Evolution 2

## RELATED PRODUCTS

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**Part Number**  
**0549701**

12-24V DOT LED High & Low Beam Headlight with Black Inner Bezel



**Part Number**  
**0549711**

12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel



**Part Number**  
**0549721**

12-24V ECE LED LHT High & Low Beam Headlight with FP, DRL & Black Inner Bezel



**Part Number**  
**0549731**

12-24V ECE LED LHT High & Low Beam Headlight with FP, DRL & Chrome Inner Bezel



**Part Number**  
**0549751**

12-24V ECE LED RHT High & Low Beam Headlight with FP, DRL & Chrome Inner Bezel



**Part Number**  
**0550201**

12-24V ECE LED LHT High & Low Beam Headlight with Black Inner Bezel



**Part Number**  
**0550211**

12-24V ECE LED LHT High & Low Beam Headlight with Chrome Inner Bezel



**Part Number**  
**0550221**

12-24V ECE LED RHT High & Low Beam Headlight with Black Inner Bezel