

# LED Headlights - Model 8700 Evolution 2

## PRODUCT INFORMATION

<b>Description</b>	12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel
<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>	Black
<b>Bezel Color</b>	Chrome
<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
<b>Shipping Weight</b>	3.50 lbs / 1.59 kgs



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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>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)

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## REGULATORY STANDARDS COMPLIANCE

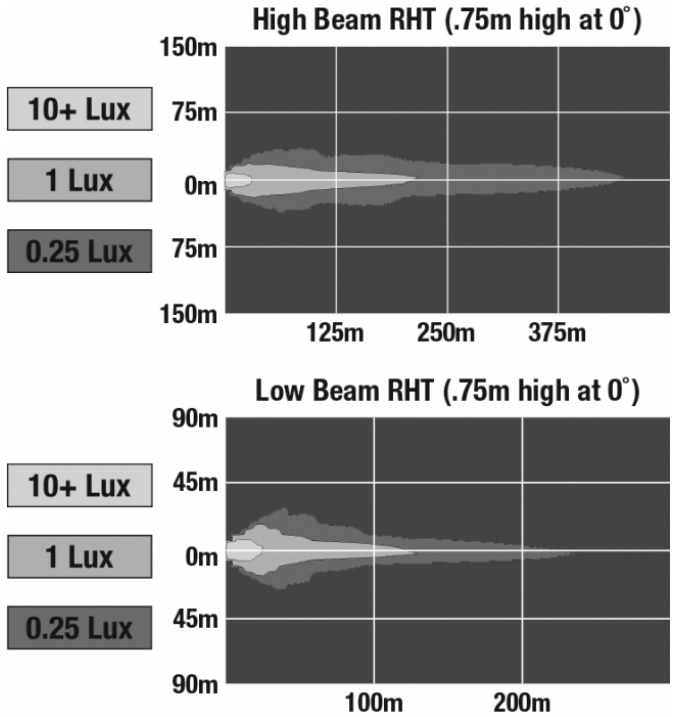


Buy America Standards  
 FMVSS 108 Table XIX  
 IEC IP67

Eco Friendly  
 FMVSS 108 Table XVIII

## 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 - High Beam (DOT/ECE) Forward Lighting - Low Beam (DOT)



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## APPLICATIONS

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## INSTALLATION & APPLICATION INFORMATION

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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

## 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.

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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



**Part Number**  
**8200411**  
Wire Harness H4 for 7"  
Round (PAR56)  
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**  
**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**  
**0549741**

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