

# 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>	1.76 lbs / 0.8 kgs
<b>Shipping Weight</b>	1.80 lbs / 0.82 kgs



Print date: 2018-01-19

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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

<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)
	1.70A @ 14V DC (Low Beam)
	1.10A @ 24V DC (Low Beam)
	3.50A @ 12V DC (High Beam)
	2.70A @ 14V DC (High Beam)
	1.70A @ 24V DC (High 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

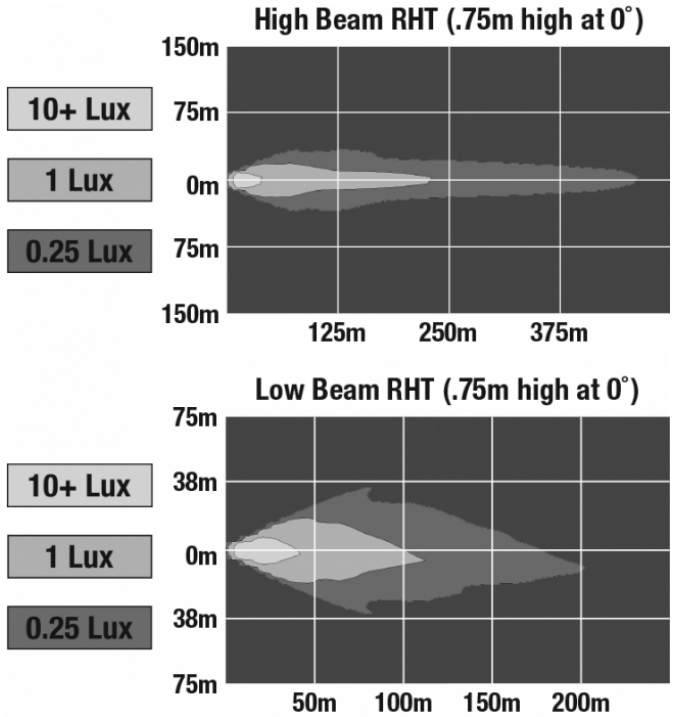
**Raw Lumen Output** 2,925 (High Beam); 2,025 (Low Beam)

**Effective Lumen Output** 1,000 (High Beam); 630 (Low Beam)

**Candela Output** 61,684 (High Beam); 19,162 (Low Beam)

**Nominal LED Color Temperature** 5000 K

**Beam Pattern(s)** Forward Lighting - High Beam (DOT/ECE)  
 Forward Lighting - Low Beam (DOT)



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## APPLICATIONS



## ACCESSORIES



**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

## RELATED PRODUCTS



**Part Number**  
**0549911**

12-24V DOT/ECE LED  
RHT High & Low Beam  
Headlight with FP &  
DRL



**Part Number**  
**0549921**

12-24V ECE LED LHT  
High & Low Beam  
Headlight with FP &  
DRL

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