

LED Headlights – Model 8630 Evolution

PRODUCT INFORMATION

Description	12-24V DOT LED High & Low Beam Headlight
Height	142.24 mm / 5.6 in
Width	142.24 mm / 5.6 in
Depth	86.36 mm / 3.4 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Die Cast Aluminum
Housing Color	Black
Bezel Color	Black
Minimum Operating Temperature	-34 °C / -29.2 °F
Maximum Operating Temperature	49 °C / 120.2 °F
Connector or Wiring	Integral Connector in Housing simulating Delphi 12124107
Mating Connector	Delphi 12052848
Product Weight	1.86 lbs / 0.84 kgs
Shipping Weight	1.80 lbs / 0.82 kgs



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J.W. SPEAKER 
 Engineered. Lighting. Solutions.

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PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	10-32V DC
Transient Spike Protection	150V Peak @ 1 HZ-100 Pul
Yellow Wire	Low Beam
White Wire	High Beam
Black Wire	Ground
Current Draw	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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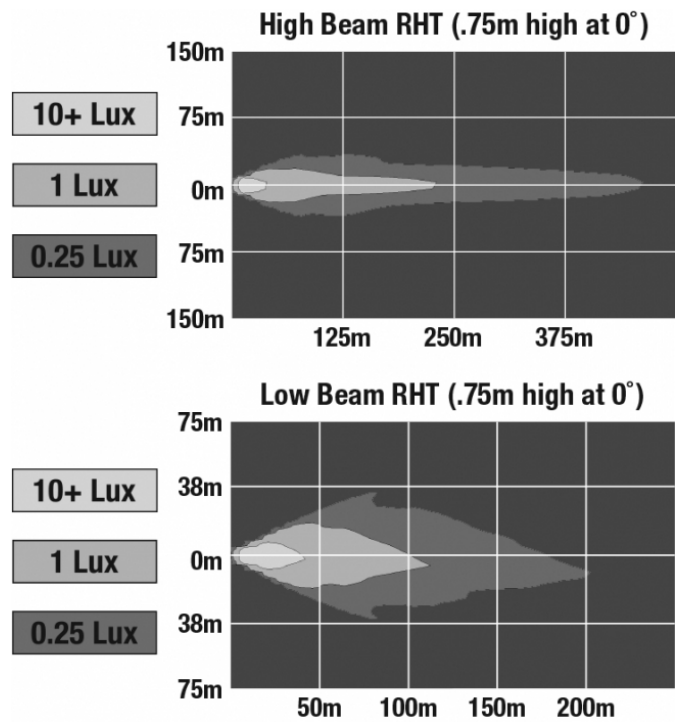
REGULATORY STANDARDS COMPLIANCE



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

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



PRODUCT WARNINGS

For California residents:

⚠ WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov.

⚠ AVERTISSEMENT: Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.

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

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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