

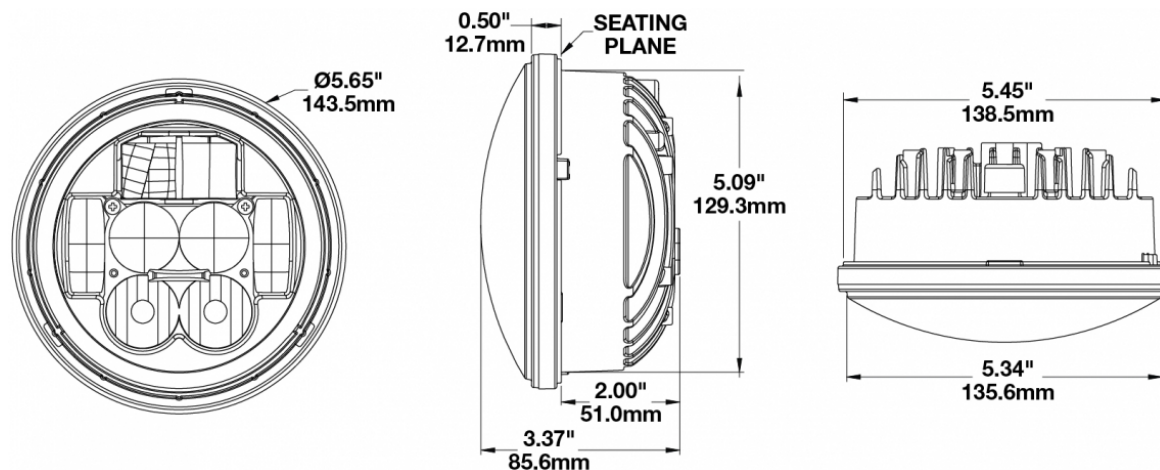
LED Headlights – Model 8630 Evolution

PRODUCT INFORMATION

Description	12-24V ECE LED LHT High & Low Beam Headlight with FP & DRL
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	N/A
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	2.45 lbs / 1.11 kgs



PRODUCT DIMENSIONS



Print date: 2026-07-03

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J.W. SPEAKER
 Engineered. Lighting. Solutions.

LED Headlights – Model 8630 Evolution

ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	10-32V DC
Transient Spike Protection	150V Peak @ 1 HZ-100 Pulses
Yellow Wire	Low Beam
White Wire	High Beam
Black Wire	Ground
Red Wire	Front Position
Purple Wire	DRL
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) 0.09A @ 12V DC (Front Position) 0.07A @ 14V DC (Front Position) 0.04A @ 24V DC (Front Position) 0.90A @ 12V DC (DRL) 0.68A @ 14V DC (DRL) 0.38A @ 24V DC (DRL)

REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 10
ECE Reg 112	ECE Reg 7
ECE Reg 87	Eco Friendly
IEC IP67	

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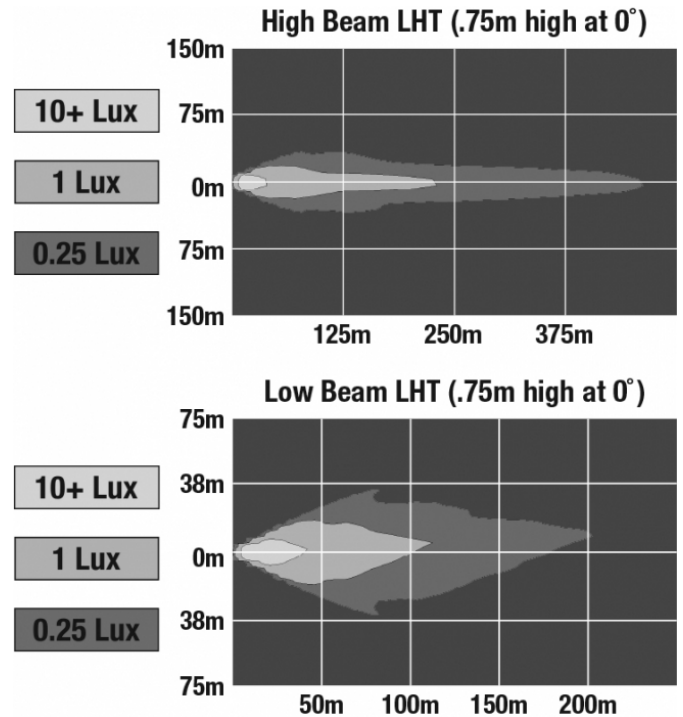
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PHOTOMETRIC SPECIFICATIONS

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 - Daytime Running Light Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (ECE Left Hand) Signalization - Front Position



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.

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ACCESSORIES



Part Number
8200001

Single Ring Kit
Mounting Assembly for
LED Headlight Model
8630



Part Number
8200071

Mounting Ring Kit for
5.75" Round (PAR46)
Headlights - PIERCE