PART NUMBER 0551561

LED Headlight – Model 8632 Evolution

PRODUCT INFORMATION

Description	12-24V DOT/ECE LED RHT Right Hand High & Low Beam Headlight with Turn Signal, FP & DRL
Height	173.00 mm / 6.81 in
Width	144.00 mm / 5.67 in
Depth	86.00 mm / 3.39 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Aluminum
Housing Color	Black
Mounting Type	Pedestal
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	2.40 lbs / 1.09 kgs
Shipping Weight	3.31 lbs / 1.5 kgs



8632 EVOLUTION

Print date: 2026-11-06

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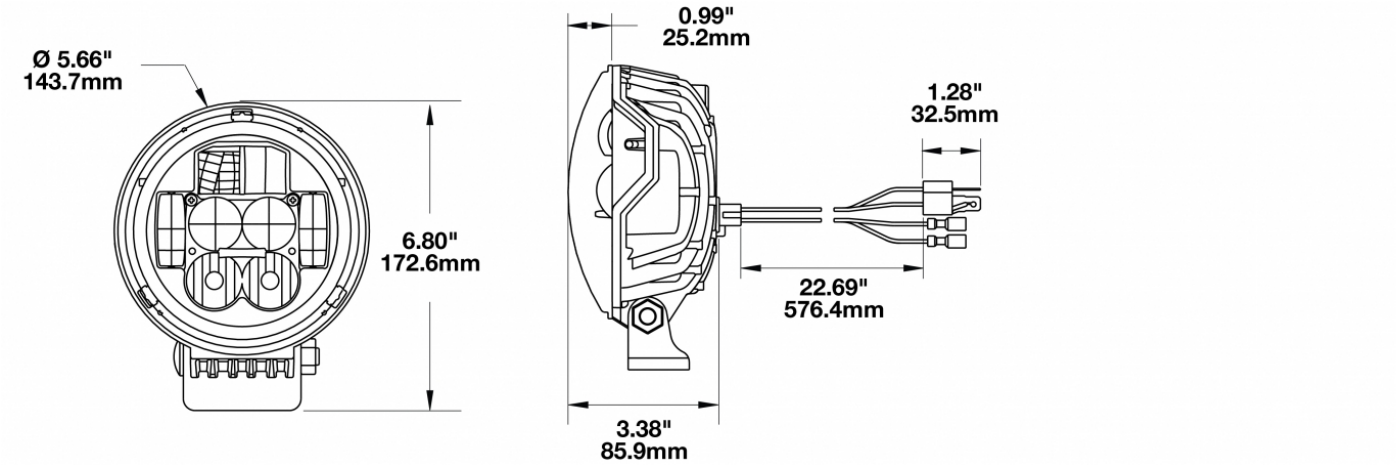
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PART NUMBER 0551561

LED Headlight – Model 8632 Evolution

PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

Input Voltage	12-24 V
Operating Voltage	10-32 V
Transient Spike Protection	150V Peak @ 1 HZ-100 Pulses
White Wire	High Beam
Yellow Wire	Low Beam
Black Wire	Ground
Red Wire	Front Position
Purple Wire	DRL
Orange/white Wire	Front Turn
Current Draw	3.67A @ 12V (High Beam) 1.83A @ 24V (High Beam) 2.5A @ 12V (Low Beam) 1.25A @ 24V (Low Beam) .67A @ 12V (DRL) .34A @ 24V (DRL) .83A @ 12V (Front Turn) .42A @ 24V (Front Turn) .08A @ 12V (Front Position) .042A @ 24V (Front Position) .08A @ 12V (Side Marker) .042A @ 24V (Side Marker)

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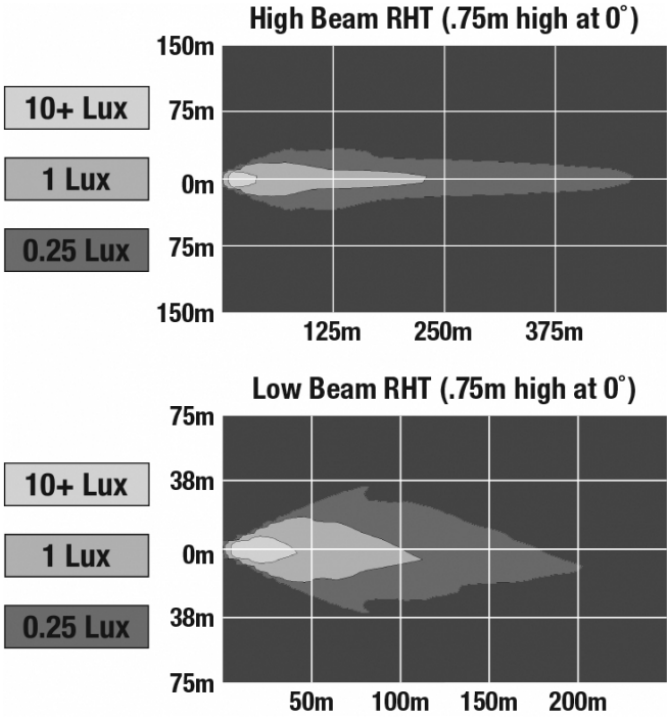
REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 112
ECE Reg 6	ECE Reg 7
ECE Reg 87	Eco Friendly
FMVSS 108 s10.1 (Table XIX)	FMVSS 108 s10.1 (Table XVIII)
FMVSS 108 s7.1 (Table VI)	FMVSS 108 s7.4 (Table X)
IEC IP67	SAE J1395
SAE J2087	SAE J222

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	2,925 (High Beam); 2,025 (Low Beam)
Effective Lumen Output	1,000 (High Beam); 630 (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 Right Hand) Signalization - Front Position Signalization - Marker Signalization - Turn (Front)



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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.

RELATED PRODUCTS



Part Number 0551571
12-24V DOT/ECE LED RHT Left Hand High & Low Beam Headlight with Turn Signal, FP & DRL



Part Number 0551973
12-24V ECE LED LHT High & Low Beam Headlights with Turn Signal, FP & DRL - 2 Light Kit



Part Number 0551983
12-24V DOT/ECE LED RHT High & Low Beam Headlights with Turn Signal, FP & DRL - 2 Light Kit



Part Number 0551991
12-24V ECE LED LHT Right Hand High & Low Beam Headlight with Turn Signal, FP & DRL



Part Number 0552001
12-24V ECE LED LHT Left Hand High & Low Beam Headlight with Turn Signal, FP & DRL

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