LED Headlight – Model 8631 Evolution
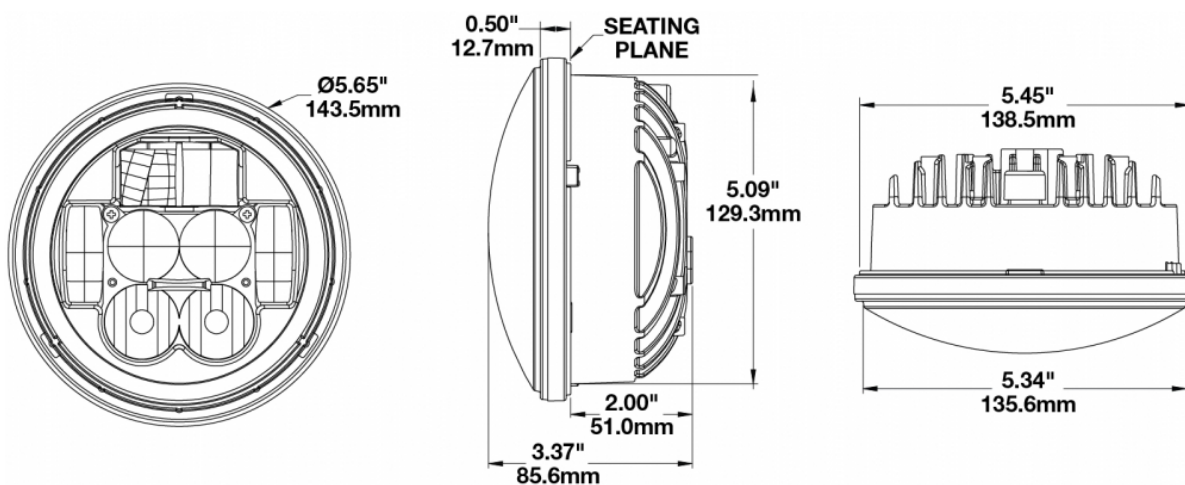# 0551641

ADR APPROVED

Product Information ⌄

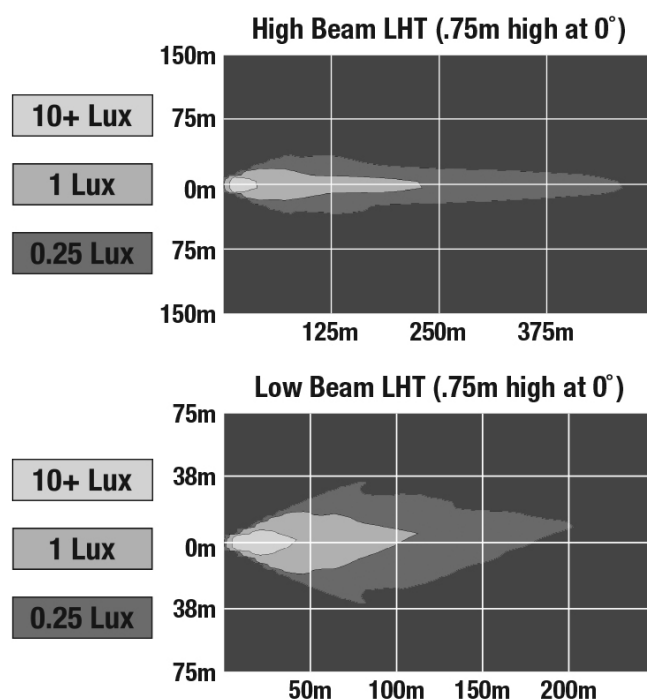|	
Description	Model 8631 EVO - 12/24V LED Headlight Insert
Height	142.24 mm / 5.6 in
Width	142.24 mm / 5.6 in
Depth	86.36 mm / 3.4 in
Shape	Round
Outer Lens Material	Hardcoated Polycarbonate
Outer Lens Color	Clear
Housing Color	Black
Minimum Operating Temperature	-34 °C
Maximum Operating Temperature	49 °C
Connector or Wiring	Integral Connector in Housing simulating Delphi 12124107
Mating Connector	Delphi 12052848
Product Weight	1.76 lbs / 0.8 kgs

Product Dimensions ⌄

Ø5.65" 143.5mm

0.50" 12.7mm — SEATING PLANE

5.09" 129.3mm

2.00" 51.0mm

3.37" 85.6mm

5.45" 138.5mm

5.34" 135.6mm

Electrical Specifications ⌄

Input Voltage	12-24V DC
Operating Voltage	10-32V DC
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	2.20A @ 12V DC (Low Beam)
	1.10A @ 24V DC (Low Beam)
	3.50A @ 12V DC (High Beam)
	1.70A @ 24V DC (High Beam)
	1.10A @ 12V DC (DRL)
	0.70A @ 24V DC (DRL)
	0.05A @ 12V DC (Front Position)
	0.05A @ 24V DC (Front Position)
	1.40A @ 12V DC (Front Turn)
	0.70A @ 24V DC (Front Turn)

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 Left Hand)
	Signalization - Front Position
	Signalization - Turn (Front)

High Beam LHT (.75m high at 0°)

10+ Lux | 1 Lux | 0.25 Lux

Low Beam LHT (.75m high at 0°)

10+ Lux | 1 Lux | 0.25 Lux

IP Rating	IP67
Warranty	Please refer to the Warranty Statement which is available for download on the website
Certification	ECE Reg 6, 7, 87 & 112
Pack Quantity	1