

Model 8700 EVO-X Headlight

PRODUCT INFORMATION

Description	12-24V DOT/ECE LED High and Symmetric Low Beam Headlight with Front Position with Chrome Bezel
Height	177.20 mm / 6.98 in
Width	177.20 mm / 6.98 in
Depth	84.35 mm / 3.32 in
Shape	Round
Outer Lens Material	Hardcoated Polycarbonate
Outer Lens Color	Clear
Housing Material	Polycarbonate
Housing Color	Black
Bezel Color	Chrome
Retrofits	2D1 "PAR56" or 7" Round Headlights
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Connector or Wiring	Integrated 6-pin Deutsch to H4 (AMP #172615-2), 10" length
Mating Connector	H4 AMP#172615-2



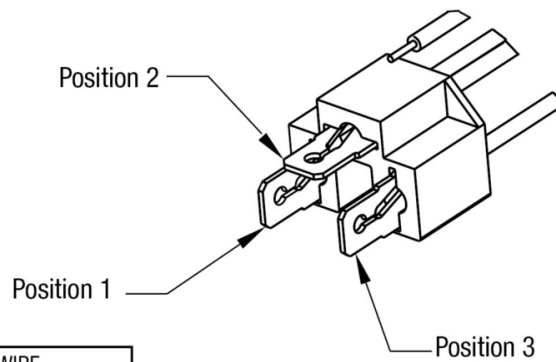
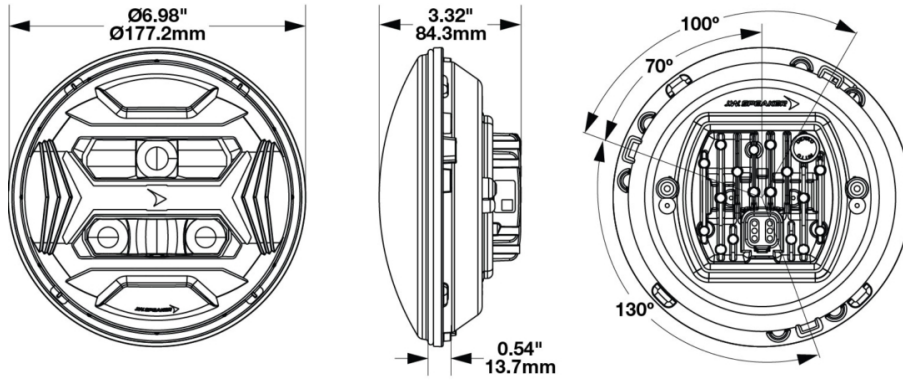
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 Engineered. Lighting. Solutions.

Model 8700 EVO-X Headlight

PRODUCT DIMENSIONS



PIN	WIRE
1 - Ground	Black
2 - Low Beam	Yellow
3 - High Beam	White



PIN	FUNCTION
PIN 1	Ground
PIN 2	Low Beam
PIN 3	High Beam
PIN 4	Front Position
PIN 5	-
PIN 6	-

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ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	9-32V DC
Yellow Wire	Low Beam
White Wire	High Beam
Red Wire	Front Position
Black Wire	Ground
Current Draw	1.77A @ 12V DC (Low Beam) 0.88A @ 24V DC (Low Beam) 3.72A @ 12V DC (High Beam) 1.86A @ 24V DC (High Beam) 0.15A @ 12V DC (Front Position) 0.08A @ 24V DC (Front Position)

REGULATORY STANDARDS COMPLIANCE



ECE Reg 10	ECE Reg 148 - A
ECE Reg 149 - WC-DS	ECE Reg 149 - WR-DS
FMVSS 108 s10.1 (Table XX)	FMVSS 108 s7.8 (Table XIV)
IEC IP67	IEC IP69K
SAE J222	SAE J584

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PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	3,740 (High beam), 2,330 (Low Beam)
Effective Lumen Output	1,445 (High Beam), 750 (Low beam)
Candela Output	63,000
Nominal LED Color Temperature	5700 K
Beam Pattern(s)	Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position



APPLICATIONS



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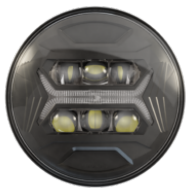
PRODUCT WARNINGS

For California residents:

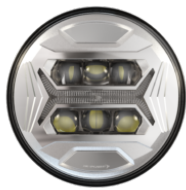
⚠ **WARNING:** Cancer and reproductive harm - www.P65Warnings.ca.gov.

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

RELATED PRODUCTS



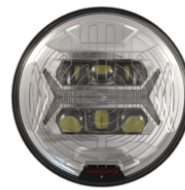
Part Number
0562231
12-24V DOT/ECE LED
RHT 5-in-1 Headlight
with Black Bezel



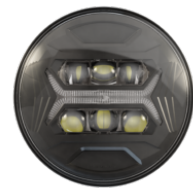
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0562241
12-24V DOT/ECE LED
RHT 5-in-1 Headlight
with Chrome Bezel



Part Number
0562251
12-24V DOT/ECE LED
RHT 5-in-1 Heated
Headlight with Black
Bezel



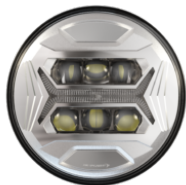
Part Number
0562261
12-24V DOT/ECE LED
RHT 5-in-1 Heated
Headlight with Chrome
Bezel



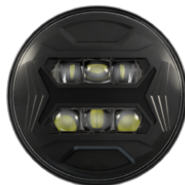
Part Number
0562271
12-24V DOT/ECE LED
High and Symmetric
Low Beam Headlight
with Front Position
with Black Bezel



Part Number
0562291
12-24V ECE LED LHT
5-in-1 Headlight with
Black Bezel



Part Number
0562301
12-24V ECE LED LHT
5-in-1 Headlight with
Chrome Bezel



Part Number
0562331
12-24V DOT LED RHT
High and Low Beam
Headlight with Black
Bezel