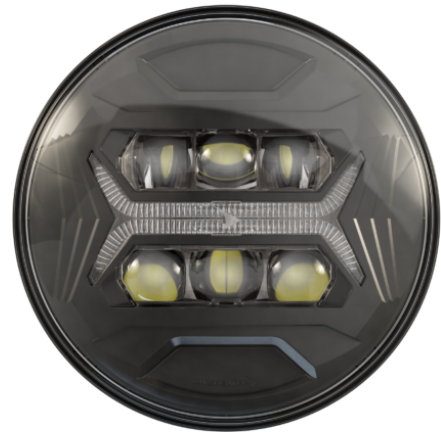


# Model 8700 EVO-X Headlight

## PRODUCT INFORMATION

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<b>Description</b>	12-24V DOT/ECE LED RHT 5-in-1 Headlight with Black Bezel
<b>Height</b>	177.20 mm / 6.98 in
<b>Width</b>	177.20 mm / 6.98 in
<b>Depth</b>	84.35 mm / 3.32 in
<b>Shape</b>	Round
<b>Outer Lens Material</b>	Hardcoated Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Polycarbonate
<b>Housing Color</b>	Black
<b>Bezel Color</b>	Black
<b>Retrofits</b>	2D1 "PAR56" or 7" Round Headlights
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	integrated 6-pin Deutsch
<b>Mating Connector</b>	Deutsch DT06-6S



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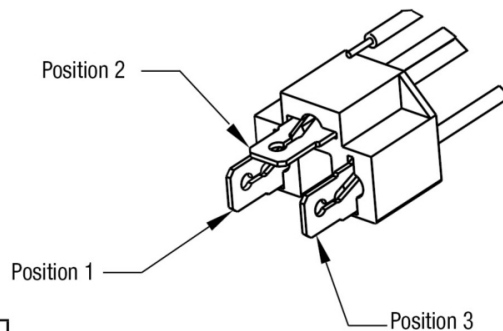
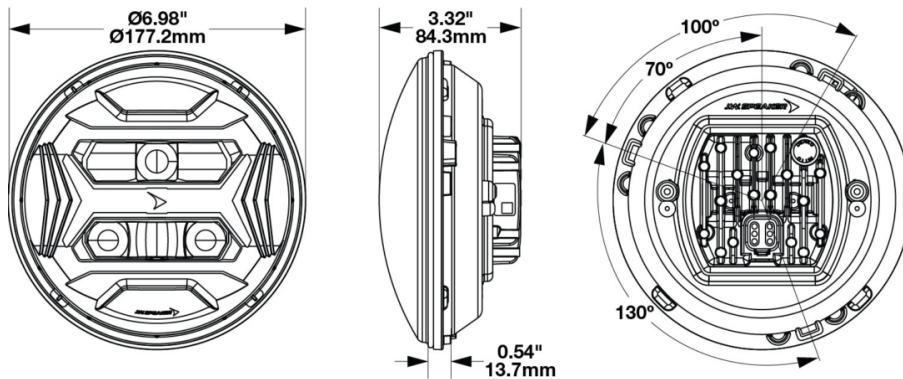
**Print date: 2026-04-03**

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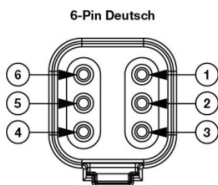
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*Engineered. Lighting. Solutions.*

# Model 8700 EVO-X Headlight

## PRODUCT DIMENSIONS



PIN	WIRE
1	Red
2	Not Used
3	Black



PIN	FUNCTION
PIN 1	Ground
PIN 2	Low Beam
PIN 3	High Beam
PIN 4	Front Position
PIN 5	Daytime Running Light
PIN 6	Direction Indicator*

\*Direction Indicator (DI) is not DOT compliant

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# Model 8700 EVO-X Headlight

## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	9-32V DC
<b>Current Draw</b>	2.09A @ 12V DC (Low Beam) 1.13A @ 24V DC (Low Beam) 4.52A @ 12V DC (High Beam) 2.21A @ 24V DC (High Beam) 0.26A @ 12V DC (Front Position) 0.15A @ 24V DC (Front Position) 2.52A @ 12V DC (DRL) 1.28A @ 24V DC (DRL) 2.95A @ 12V DC (Direction Indicator) 1.53A @ 24V DC (Direction Indicator)

## REGULATORY STANDARDS COMPLIANCE



ECE Reg 10	ECE Reg 148 - 1b
ECE Reg 148 - A	ECE Reg 148 - RL
ECE Reg 149 - C	ECE Reg 149 - HR
FMVSS 108 s10.1 (Table XIX)	FMVSS 108 s10.1 (Table XVIII)
FMVSS 108 s7.10	FMVSS 108 s7.8 (Table XIV)
IEC IP67	IEC IP69K
SAE J1383	SAE J2087
SAE J222	

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# Model 8700 EVO-X Headlight

## PHOTOMETRIC SPECIFICATIONS

<b>Raw Lumen Output</b>	3,740 (High beam), 2,330 (Low Beam)
<b>Effective Lumen Output</b>	1,450 (High Beam), 755 (Low beam)
<b>Candela Output</b>	63,000
<b>Nominal LED Color Temperature</b>	5700 K
<b>Beam Pattern(s)</b>	Forward Lighting - Daytime Running Light Forward Lighting - High Beam (ECE) Forward Lighting - Low Beam (ECE Right Hand) Signalization - Front Position Signalization - Turn (Front)



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# Model 8700 EVO-X Headlight

## APPLICATIONS

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## PRODUCT WARNINGS

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For California residents:

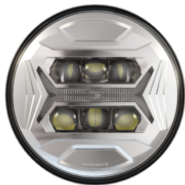
⚠ **WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# Model 8700 EVO-X Headlight

## RELATED PRODUCTS

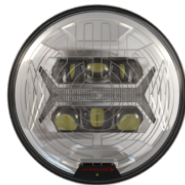
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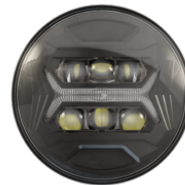
**Part Number**  
**0562241**  
12-24V DOT/ECE LED  
RHT 5-in-1 Headlight  
with Chrome Bezel



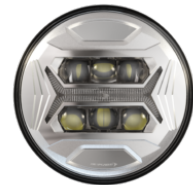
**Part Number**  
**0562251**  
12-24V DOT/ECE LED  
RHT 5-in-1 Heated  
Headlight with Black  
Bezel



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



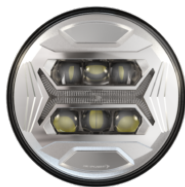
**Part Number**  
**0562271**  
12-24V DOT/ECE LED  
High and Symmetric  
Low Beam Headlight  
with Front Position  
with Black Bezel



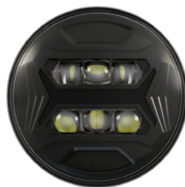
**Part Number**  
**0562281**  
12-24V DOT/ECE LED  
High and Symmetric  
Low Beam Headlight  
with Front Position  
with Chrome Bezel



**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