

Model 8700 EVO-X Headlight

PRODUCT INFORMATION

Description	12-24V DOT/ECE LED RHT 5-in-1 Heated Headlight with Black 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	Black
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
Mating Connector	Deutsch DT06-6S



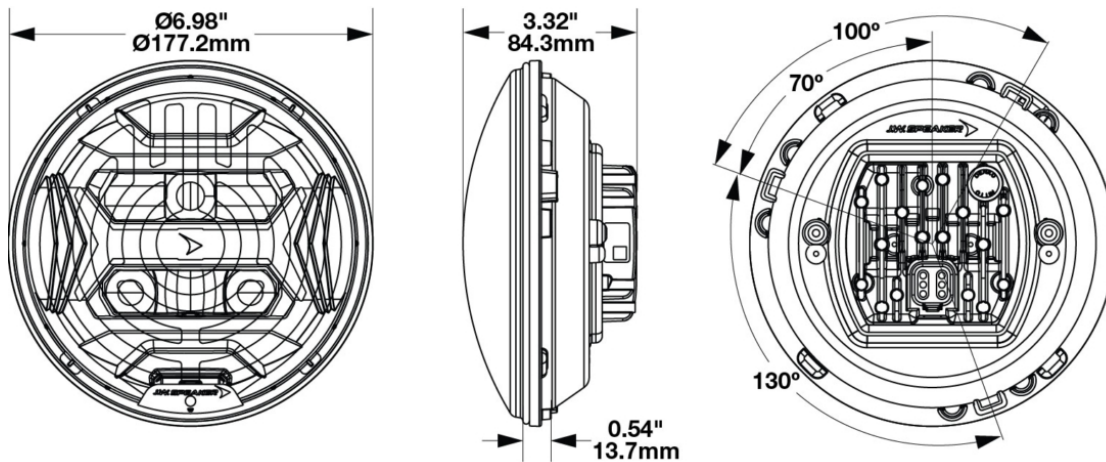
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J.W. SPEAKER 
Engineered. Lighting. Solutions.

Model 8700 EVO-X Headlight

PRODUCT DIMENSIONS



View: Back of Lamp
6-Pin Deutsch



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

Note: Reference number on Deutsch Connector
*Direction Indicator (DI) is not DOT compliant

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ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	9-32V DC
Current Draw	5.29A @ 12V DC (Low Beam) 4.33A @ 24V DC (Low Beam) 7.72A @ 12V DC (High Beam) 5.41A @ 24V DC (High Beam) 0.26A @ 12V DC (Front Position) 0.15A @ 24V DC (Front Position) 5.72A @ 12V DC (DRL) 4.48A @ 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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PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	3,740 (High beam), 2,330 (Low Beam)
Effective Lumen Output	1,310 (High Beam), 690 (Low beam)
Candela Output	57,700
Nominal LED Color Temperature	5700 K
Beam Pattern(s)	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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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.

ACCESSORIES



Part Number
3272541
High Beam/Low Beam
and Front Position H4
Harness



Part Number
3272551
High Beam and Low
Beam H4 Harness



Part Number
3272681
5-in-1 Flying Lead
Harness

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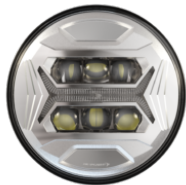
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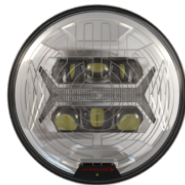
RELATED PRODUCTS



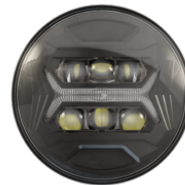
Part Number
0562231
12-24V DOT/ECE LED
RHT 5-in-1 Headlight
with Black Bezel



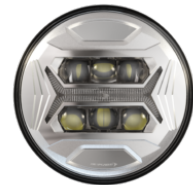
Part Number
0562241
12-24V DOT/ECE LED
RHT 5-in-1 Headlight
with Chrome Bezel



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



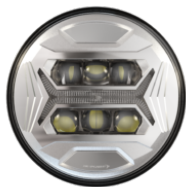
Part Number
0562271
12-24V DOT/ECE LED
High and Symmetric
Low Beam Headlight
with Front Position
with Black Bezel



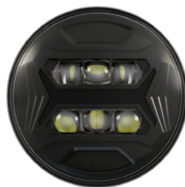
Part Number
0562281
12-24V DOT/ECE LED
High and Symmetric
Low Beam Headlight
with Front Position
with Chrome Bezel



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