

Model 8700 EVO-X Headlight

PRODUCT INFORMATION

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



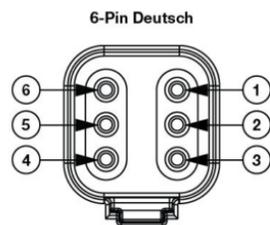
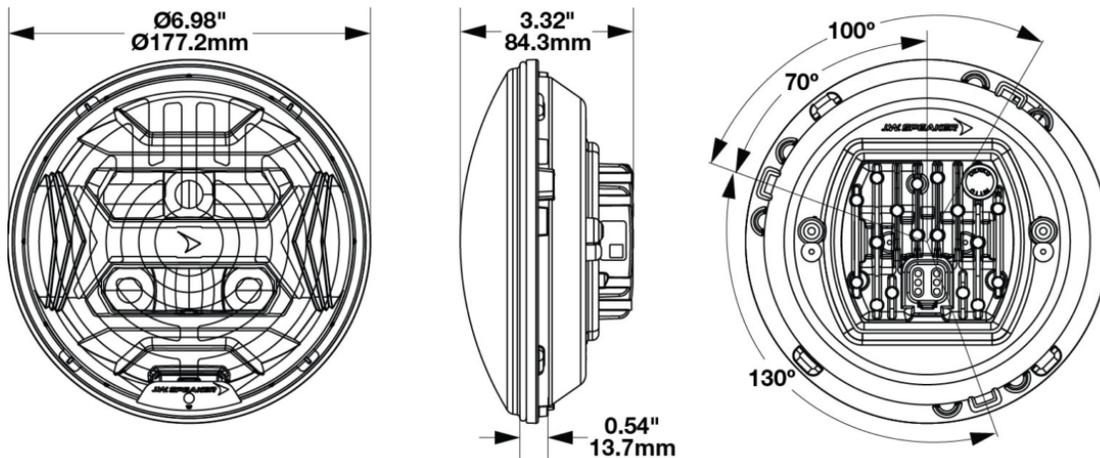
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J.W. SPEAKER 
Engineered. Lighting. Solutions.

Model 8700 EVO-X Headlight

PRODUCT DIMENSIONS



| 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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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 | |

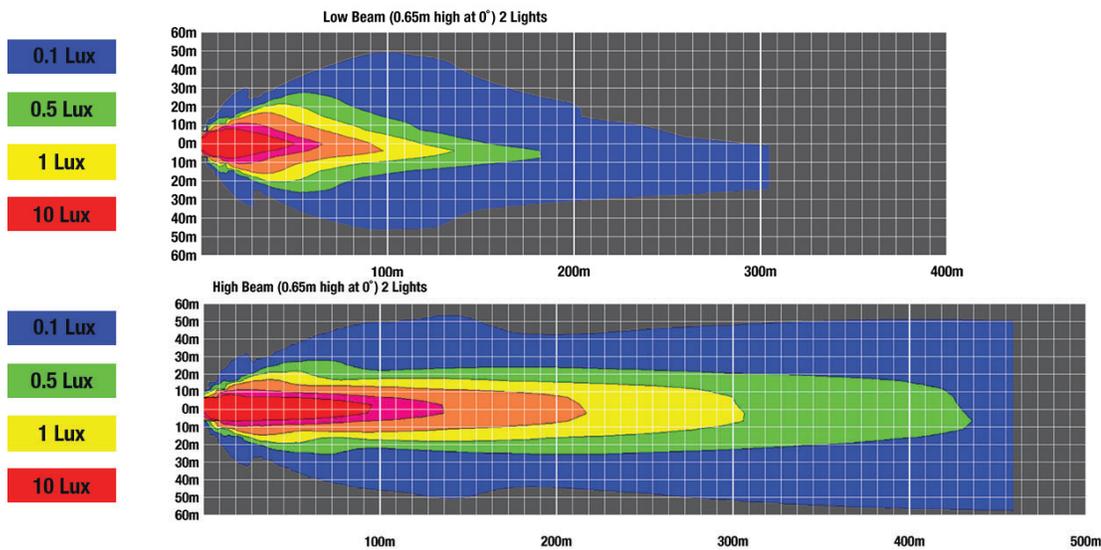
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PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.

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