

Model 8900 EVO-X Headlight

PRODUCT INFORMATION

| | |
|--------------------------------------|---|
| Description | 12-24V DOT/ECE LED RHT 5-in-1 Headlight with Chrome Bezel |
| Height | 142.00 mm / 5.59 in |
| Width | 200.00 mm / 7.87 in |
| Depth | 77.95 mm / 3.07 in |
| Shape | Rectangular |
| Outer Lens Material | Hardcoated Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Polycarbonate |
| Housing Color | Black |
| Bezel Color | Chrome |
| Retrofits | 2B1 5" x 7" 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 |

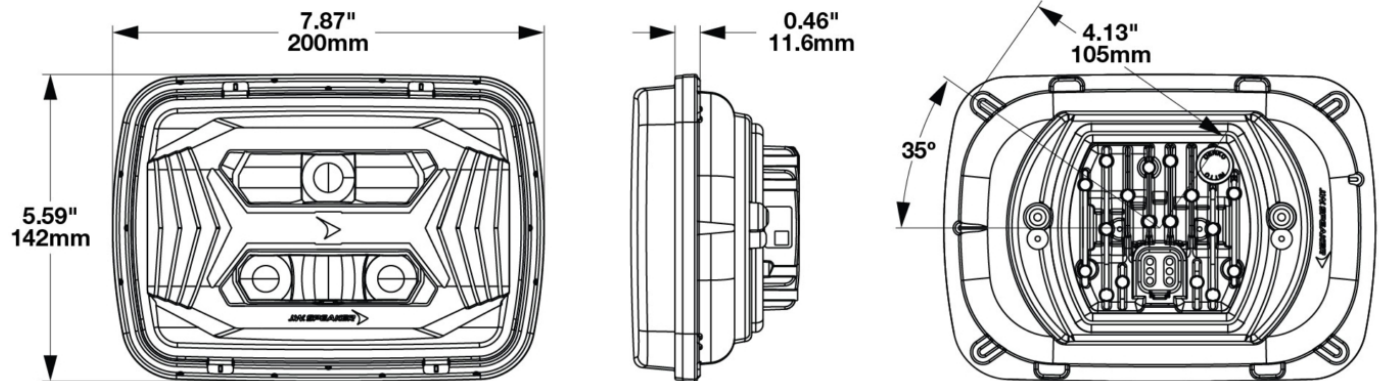


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PRODUCT DIMENSIONS



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 | 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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Engineered. Lighting. Solutions.

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PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|--|
| Raw Lumen Output | 3,740 (High beam), 2,330 (Low Beam) |
| Effective Lumen Output | 1,420 (High Beam), 735 (Low beam) |
| Candela Output | 62,000 |
| 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



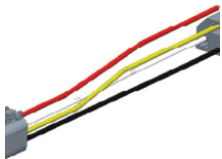
PRODUCT WARNINGS

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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RELATED PRODUCTS



Part Number
0562471
12-24V DOT/ECE LED
RHT 5-in-1 Headlight
with Black Bezel



Part Number
0562491
12-24V DOT/ECE LED
RHT 5-in-1 Heated
Headlight with Black
Bezel



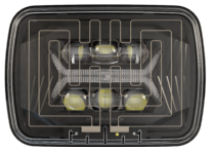
Part Number
0562501
12-24V DOT/ECE LED
RHT 5-in-1 Heated
Headlight with Chrome
Bezel



Part Number
0562591
12-24V DOT/ECE LED
RHT High & Low Beam
Headlight with Front
Position with Black
Bezel



Part Number
0562601
12-24V DOT/ECE LED
RHT High & Low Beam
Headlight with Front
Position with Chrome
Bezel



Part Number
0562611
12-24V DOT/ECE LED
RHT High & Low Beam
Heated Headlight with
Front Position with
Black Bezel



Part Number
0562621
12-24V DOT/ECE LED
RHT High & Low Beam
Heated Headlight with
Front Position with
Chrome Bezel



Part Number
0562721
12-24V ECE LED LHT
High and Low Beam
Headlight with Front
Position with Black
Bezel