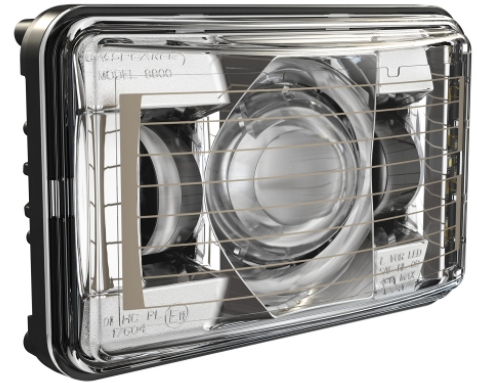


LED Headlights – Model 8800 Evolution 2

PRODUCT INFORMATION

| | |
|--------------------------------------|--|
| Description | 12-24V DOT/ECE LED High Beam Heated Headlight with Chrome Bezel |
| Height | 107.19 mm / 4.22 in |
| Width | 167.64 mm / 6.6 in |
| Depth | 84.90 mm / 3.34 in |
| Shape | Rectangular |
| Outer Lens Material | Hardcoated Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Die-Cast Aluminum |
| Housing Color | Black |
| Bezel Color | Chrome |
| Mounting Type | Low-Profile Panel Mount |
| Retrofits | 1A1 and 2A1 (4" x 6") sealed beams |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Connector or Wiring | H4 Connector - AMP (#172615-2) |
| Mating Connector | LH Terminal - AMP (#172795-1); RH Terminal - AMP (#172796-1) |
| Product Weight | 2.00 lbs / 0.91 kgs |
| Shipping Weight | 2.30 lbs / 1.04 kgs |



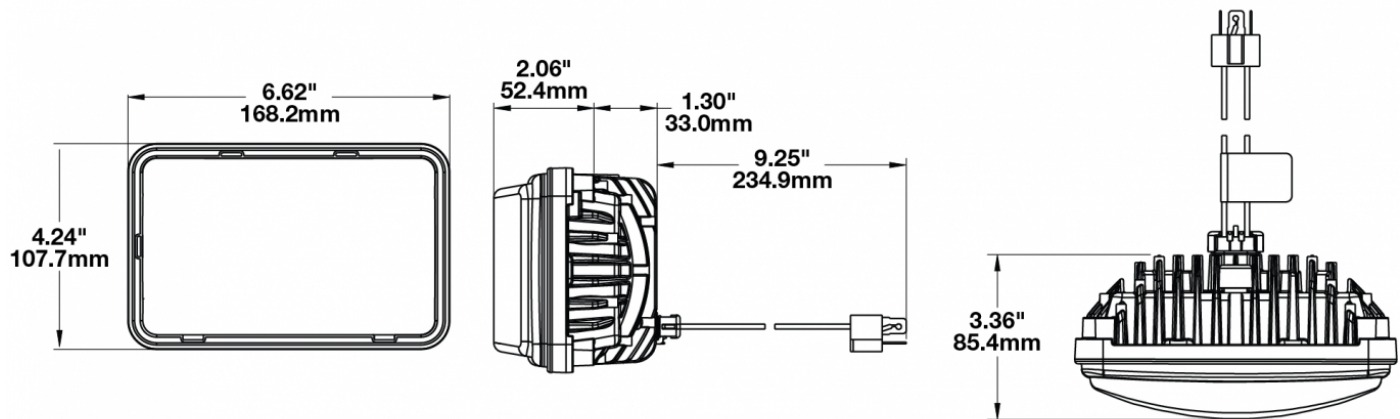
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LED Headlights – Model 8800 Evolution 2

PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

| | |
|--------------------------|----------------------------------|
| Input Voltage | 12-24V DC |
| Operating Voltage | 9-32V DC |
| Red Wire | High Beam |
| Black Wire | Ground |
| Current Draw | 3.30A @ 12V DC 1.67A @ 24V DC |

REGULATORY STANDARDS COMPLIANCE



Buy America Standards
Eco Friendly
IEC IP69K

ECE Reg 112
FMVSS 108 s10.1 (Table XVIII)

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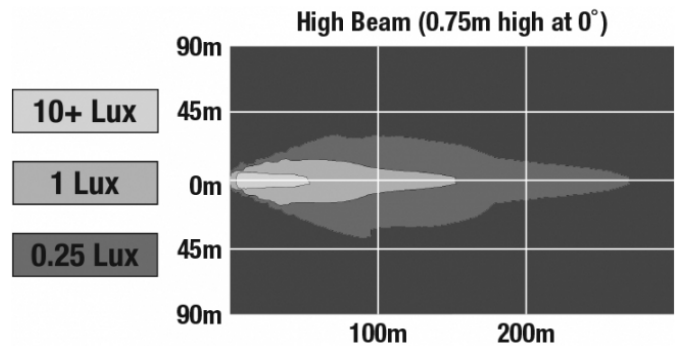
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LED Headlights – Model 8800 Evolution 2

PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|--|
| Raw Lumen Output | 2,250 |
| Effective Lumen Output | 898 |
| Candela Output | 73,200 |
| Nominal LED Color Temperature | 5000 K |
| Beam Pattern(s) | Forward Lighting - High Beam (DOT/ECE) |



APPLICATIONS



SMARTHEAT™ HEATING SYSTEM

The SmartHeat™ heating system senses ambient temperature and turns the integrated heating system in the lens on & off. This system actually clears ice & snow twice as fast as conventional halogen lamps.

When does the heater turn on?

Heater turns on or off according to temperature changes and vehicle power:

- Heater will turn on when temperatures drop, generating enough heat to prevent ice build-up.
- Heater will turn on when powering up, de-icing the light as rapidly as possible.

When does the heater turn off?

Heater will turn off when it senses temperatures increase and are above the high temperature threshold.

Learn more about this technology [here](#).

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LED Headlights – Model 8800 Evolution 2

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

3269601

Low Beam Harness for
8800 Evolution 2
Series

Part Number

3269611

High Beam Harness for
8800 Evolution 2
Series

LED Headlights – Model 8800 Evolution 2

RELATED PRODUCTS



Part Number
0551371
12-24V DOT/ECE LED
RHT Low Beam
Headlight with Chrome
Bezel



Part Number
0551381
12-24V DOT/ECE LED
High Beam Headlight
with Chrome Bezel



Part Number
0551771
12-24V DOT/ECE LED
RHT Low Beam Heated
Headlight with Chrome
Bezel



Part Number
0552551
12-24V DOT/ECE LED
RHT Low Beam
Headlight with Black
Bezel



Part Number
0552571
12-24V DOT/ECE LED
High Beam Headlight
with Black Bezel



Part Number
0552651
12-24V DOT/ECE LED
RHT Low Beam Heated
Headlight with Black
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12-24V DOT/ECE LED
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