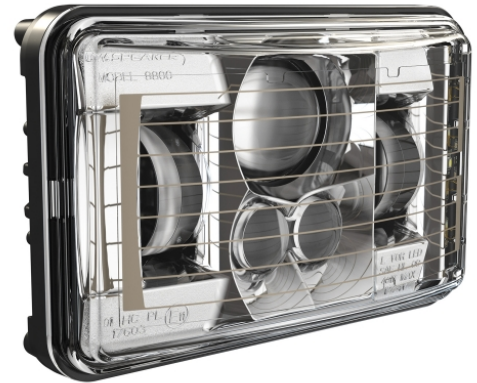


LED Headlights – Model 8800 Evolution 2

PRODUCT INFORMATION

| | |
|--------------------------------------|--|
| Description | 12-24V ECE LED LHT Low 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" 1 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) |
| Shipping Weight | 2.30 lbs / 1.04 kgs |



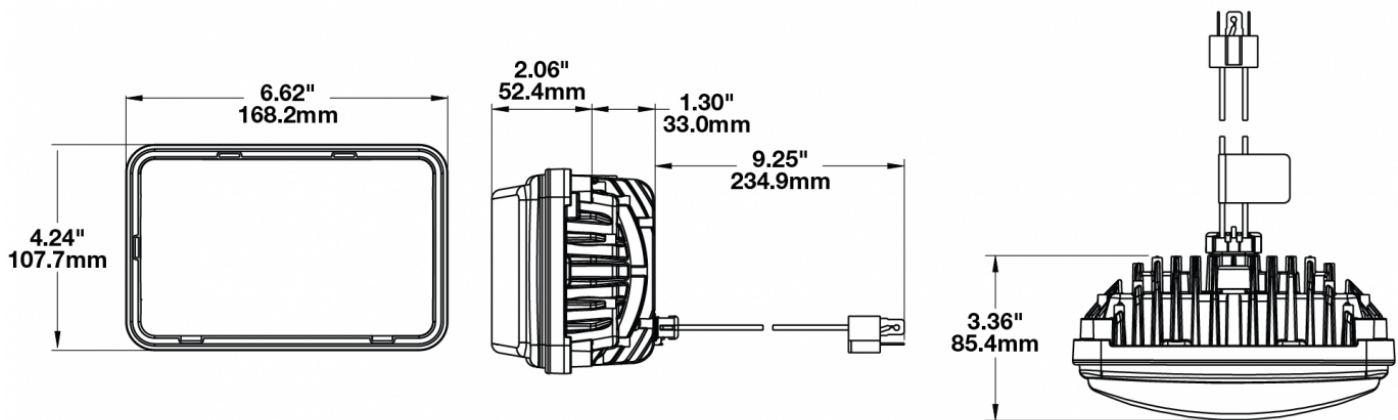
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LED Headlights – Model 8800 Evolution 2

PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

| | |
|--------------------------|----------------------------------|
| Input Voltage | 12-24V DC |
| Operating Voltage | 9-32V DC |
| White Wire | Low Beam |
| Black Wire | Ground |
| Yellow Wire | Low Beam |
| 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 Table XIX

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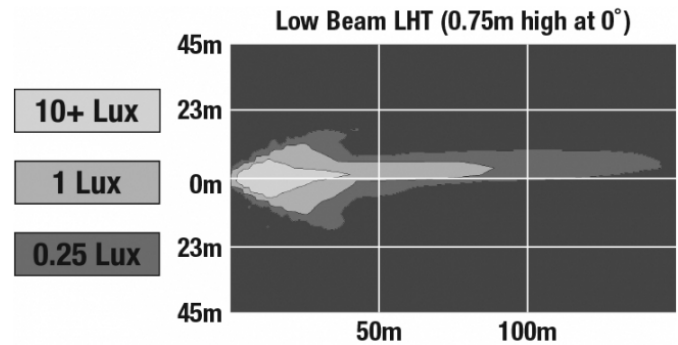
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LED Headlights – Model 8800 Evolution 2

PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|---|
| Raw Lumen Output | 2,830 |
| Effective Lumen Output | 782 |
| Candela Output | 29,800 |
| Nominal LED Color Temperature | 5000 K |
| Beam Pattern(s) | Forward Lighting - Low Beam (ECE Left Hand) |



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

ACCESSORIES



Part Number
3269601

Low Beam Harness for
8800 Evolution 2
Series



Part Number
3269611

High Beam Harness for
8800 Evolution 2
Series

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
0551391

12-24V ECE LED LHT
Low Beam Headlight
with Chrome Bezel



Part Number
0551771

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



Part Number
0551781

12-24V DOT/ECE LED
High Beam Heated
Headlight with Chrome
Bezel



Part Number
0552551

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



Part Number
0552561

12-24V ECE LED LHT
Low Beam Headlight
with Black Bezel



Part Number
0552571

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

Print date: 2018-07-20

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