PRODUCT INFORMATION

Description 12-24V DOT/ECE LED RHT Low Beam

Heated Headlight with Black 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 Black

Mounting Type Low-Profile Panel Mount

Retrofits 1A1 and 2A1 (4" 1 6") sealed beams

Minimum Operating -40 °C / -40 °F

Temperature

Maximum Operating 65 °C / 149 °F

Temperature

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

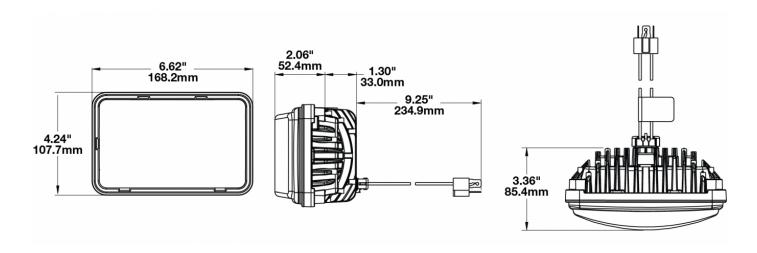








PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

Input Voltage 12-24V DC 9-32V DC **Operating Voltage 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

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

Eco Friendly

IEC IP69K

Print date: 2025-11-02

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output 2,830 **Effective Lumen** 782

Output

Candela Output 29,800 **Nominal LED Color** 5000 K

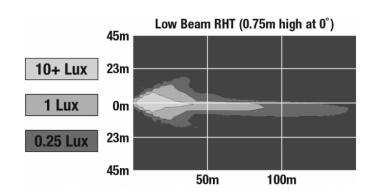
Temperature

Beam Pattern(s) Forward Lighting - Low Beam

(DOT)

Forward Lighting - Low Beam (ECE

Right 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 <u>here</u>.



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



<u>Part Number</u> 3269601

Low Beam Harness for 8800 Evolution 2 Series



Part Number 3269611

High Beam Harness for 8800 Evolution 2 Series



<u>Part Number</u> <u>3270821</u>

Harness, Load Equalizer, H4, 16 OHM, 50W



Part Number 8000381

H4/H4 Anti-Flicker Harness for J.W. Speaker LED headlights



RELATED PRODUCTS



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



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



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