

LED Headlights – Model 8800 Evolution 2

PRODUCT INFORMATION

Description	12-24V DOT/ECE LED High Beam 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	1.90 lbs / 0.86 kgs
Shipping Weight	2.30 lbs / 1.04 kgs



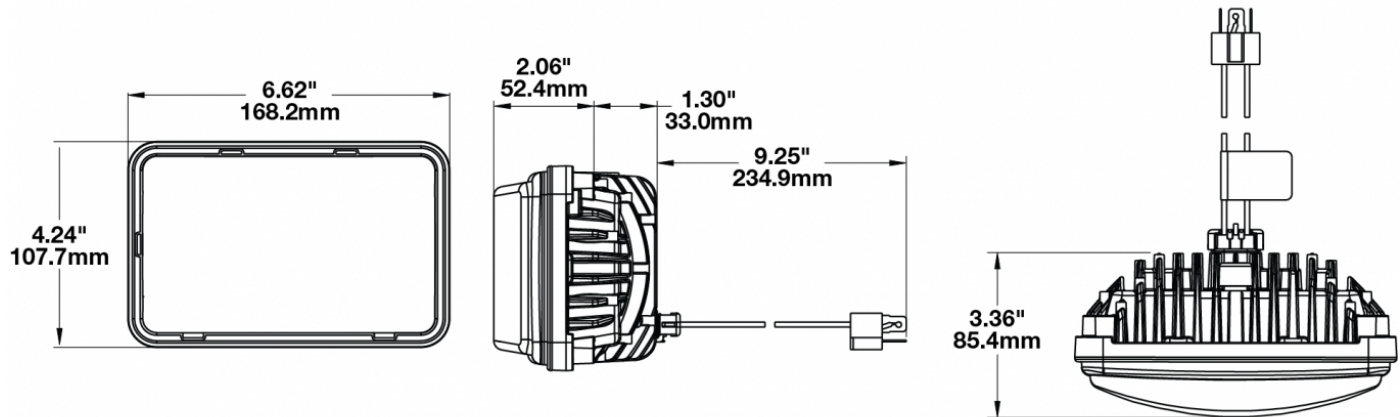
Print date: 2025-04-01

© 2025 J.W. Speaker Corporation • Germantown, WI U.S.A.
 www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER 
 Engineered. Lighting. Solutions.

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	2.10A @ 12V DC 1.00A @ 24V DC

REGULATORY STANDARDS COMPLIANCE



Buy America Standards

Eco Friendly

IEC IP69K

ECE Reg 112

FMVSS 108 s10.1 (Table XVIII)

Print date: 2025-04-01

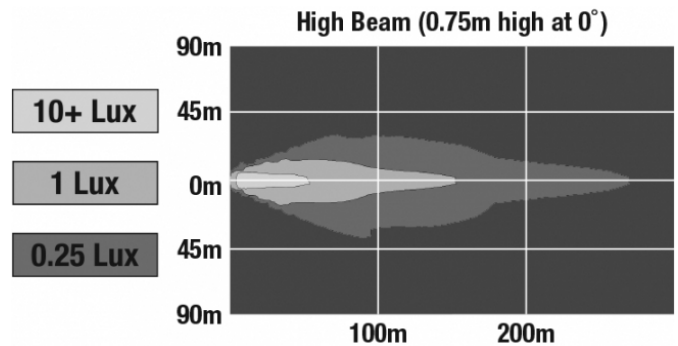
© 2025 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

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



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.

Print date: 2025-04-01

© 2025 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

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
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
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
Bezel



Part Number
0552671

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

Print date: 2025-04-01

© 2025 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660