PART NUMBER 0562331

Model 8700 EVO-X Headlight

PRODUCT INFORMATION

Description	12-24V DOT LED RHT High and Low Beam Headlight with Black Bezel
Height	177.20 mm / 6.98 in
Width	177.20 mm / 6.98 in
Depth	84.35 mm / 3.32 in
Shape	Round
Outer Lens Material	Hardcoated Polycarbonate
Outer Lens Color	Clear
Housing Material	Polycarbonate
Housing Color	Black
Bezel Color	Black
Retrofits	2D1 "PAR56" or 7" Round Headlights
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Connector or Wiring	Integrated 6-pin Deutsch to H4 (AMP #172615-2), 10" length
Mating Connector	H4 AMP#172615-2

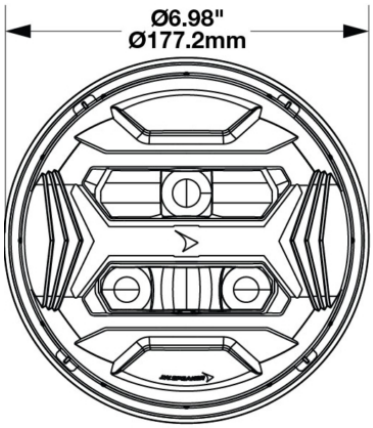


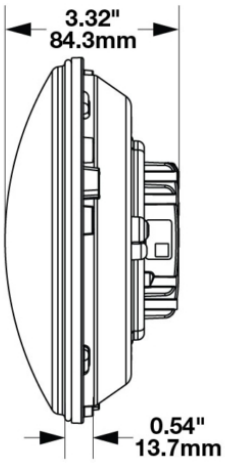
© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

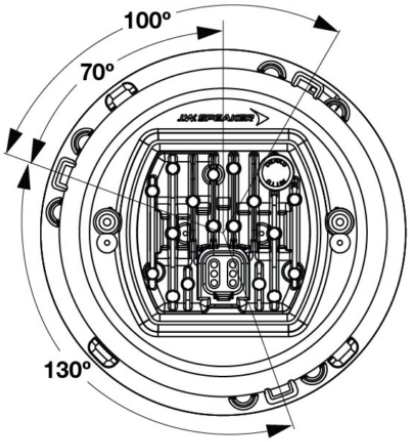
J.W. SPEAKER® Engineered. Lighting. Solutions.

Model 8700 EVO-X Headlight

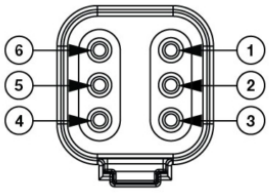
PRODUCT DIMENSIONS







6-Pin Deutsch



PIN	FUNCTION
PIN 1	Ground
PIN 2	Low Beam
PIN 3	High Beam
PIN 4	-
PIN 5	-
PIN 6	-

Print date: 2026-11-09
© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

PART NUMBER 0562331

Model 8700 EVO-X Headlight

ELECTRICAL SPECIFICATIONS

Input Voltage	12-24V DC
Operating Voltage	9-32V DC
Yellow Wire	Low Beam
White Wire	High Beam
Black Wire	Ground
Current Draw	2.09A @ 12V DC (Low Beam) 1.13A @ 24V DC (Low Beam) 4.52A @ 12V DC (High Beam) 2.21A @ 24V DC (Low Beam)

REGULATORY STANDARDS COMPLIANCE



FMVSS 108 s10.1 (Table XIX)
IEC IP67
SAE J1383

FMVSS 108 s10.1 (Table XVIII)
IEC IP69K

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

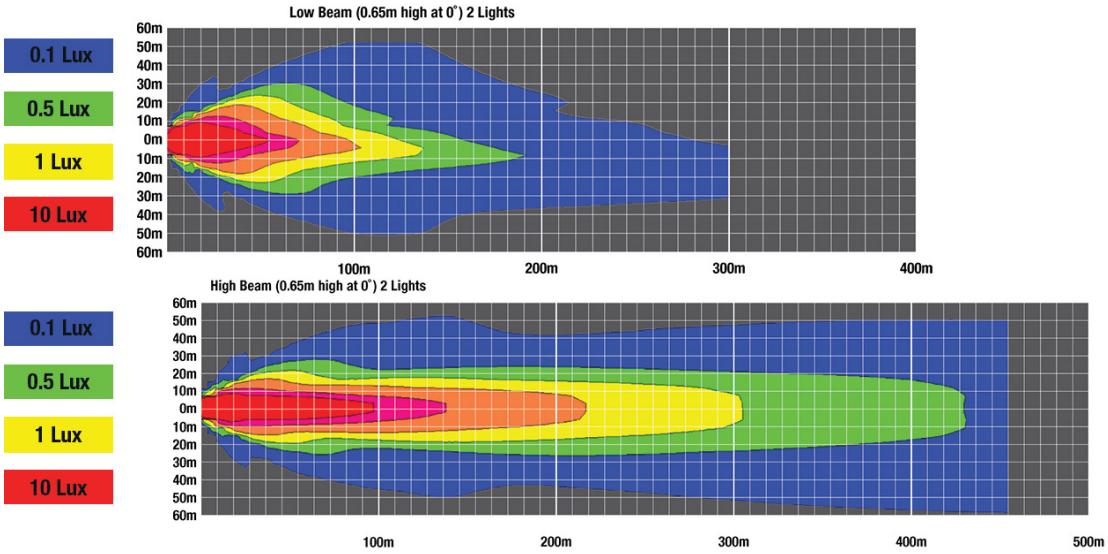
J.W. SPEAKER
Engineered. Lighting. Solutions.

PART NUMBER 0562331

Model 8700 EVO-X Headlight

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	3,740 (High beam), 2,330 (Low Beam)
Effective Lumen Output	1,450 (High Beam), 755 (Low beam)
Candela Output	63,000
Nominal LED Color Temperature	5700 K
Beam Pattern(s)	Forward Lighting - High Beam (DOT) Forward Lighting - Low Beam (DOT)



APPLICATIONS



Print date: 2026-11-09

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.

www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

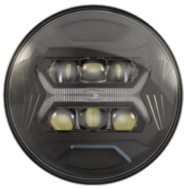
J.W. SPEAKER® Engineered. Lighting. Solutions.

Model 8700 EVO-X Headlight

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.

RELATED PRODUCTS



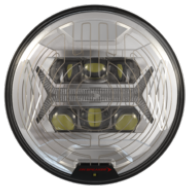
Part Number 0562231
12-24V DOT/ECE LED RHT 5-in-1 Headlight with Black Bezel



Part Number 0562241
12-24V DOT/ECE LED RHT 5-in-1 Headlight with Chrome Bezel



Part Number 0562251
12-24V DOT/ECE LED RHT 5-in-1 Heated Headlight with Black Bezel



Part Number 0562261
12-24V DOT/ECE LED RHT 5-in-1 Heated Headlight with Chrome Bezel



Part Number 0562271
12-24V DOT/ECE LED High and Symmetric Low Beam Headlight with Front Position with Black Bezel



Part Number 0562281
12-24V DOT/ECE LED High and Symmetric Low Beam Headlight with Front Position with Chrome Bezel



Part Number 0562291
12-24V ECE LED LHT 5-in-1 Headlight with Black Bezel



Part Number 0562301
12-24V ECE LED LHT 5-in-1 Headlight with Chrome Bezel

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER® Engineered. Lighting. Solutions.