PART NUMBER 0562281

Model 8700 EVO-X Headlight

PRODUCT INFORMATION

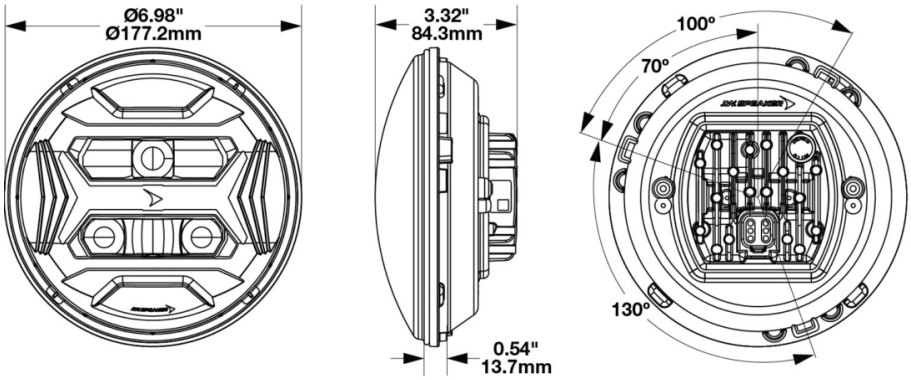
Description	12-24V DOT/ECE LED High and Symmetric Low Beam Headlight with Front Position with Chrome Bezel
Height	177.20 mm / 6.98 in
Width	177.20 mm / 6.98 in
Depth	84.35 mm / 3.32 in
Shape	Round
Outer Lens Material	Hardcoated Polycarbonate
Outer Lens Color	Clear
Housing Material	Polycarbonate
Housing Color	Black
Bezel Color	Chrome
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

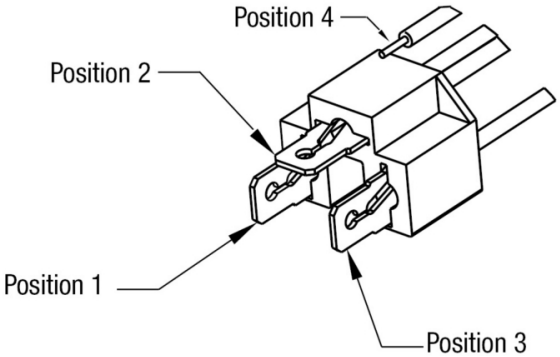


© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

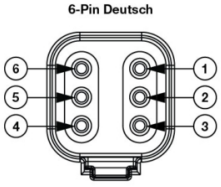
Model 8700 EVO-X Headlight

PRODUCT DIMENSIONS





PIN	WIRE
1 - Ground	Black
2 - Low Beam	Yellow
3 - High Beam	White
4 - Front Position	Red



PIN	FUNCTION
PIN 1	Ground
PIN 2	Low Beam
PIN 3	High Beam
PIN 4	Front Position
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 0562281

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
Red Wire	Front Position
Black Wire	Ground
Current Draw	1.77A @ 12V DC (Low Beam) 0.88A @ 24V DC (Low Beam) 3.72A @ 12V DC (High Beam) 1.86A @ 24V DC (High Beam) 0.15A @ 12V DC (Front Position) 0.08A @ 24V DC (Front Position)

REGULATORY STANDARDS COMPLIANCE



ECE Reg 10	ECE Reg 148 - A
ECE Reg 149 - WC-DS	ECE Reg 149 - WR-DS
FMVSS 108 s10.1 (Table XX)	FMVSS 108 s7.8 (Table XIV)
IEC IP67	IEC IP69K
SAE J222	SAE J584

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

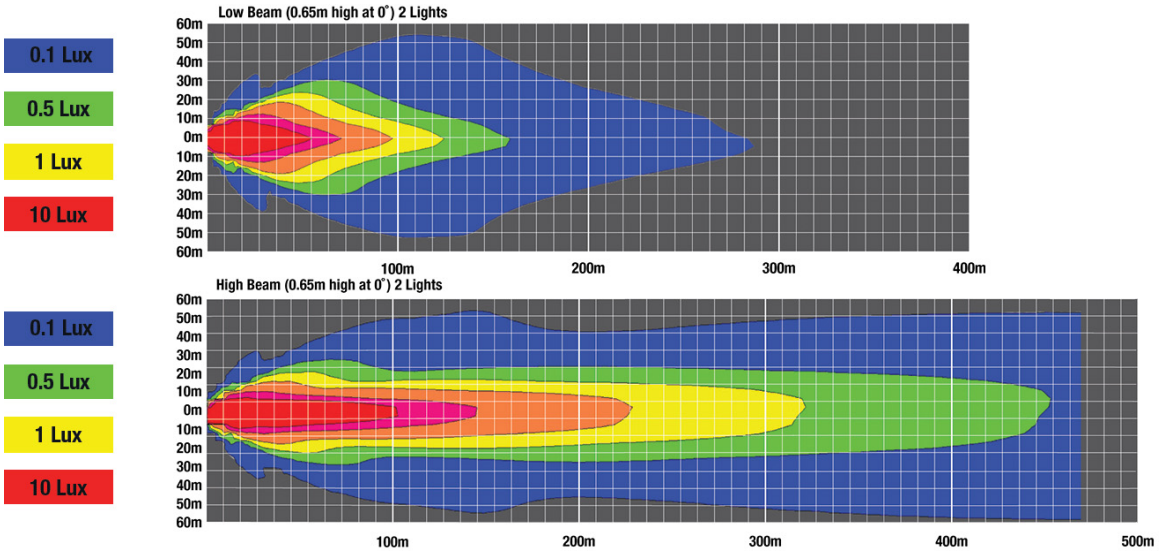
J.W. SPEAKER® Engineered. Lighting. Solutions.

PART NUMBER 0562281

Model 8700 EVO-X Headlight

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	3,740 (High beam), 2,330 (Low Beam)
Effective Lumen Output	1,445 (High Beam), 750 (Low beam)
Candela Output	63,000
Nominal LED Color Temperature	5700 K
Beam Pattern(s)	Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position



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

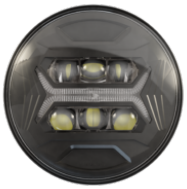
J.W. SPEAKER® Engineered. Lighting. Solutions.

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



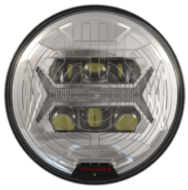
Part Number 0562231
12-24V DOT/ECE LED RHT 5-in-1 Headlight with Black Bezel



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



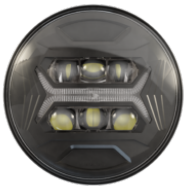
Part Number 0562251
12-24V DOT/ECE LED RHT 5-in-1 Heated Headlight with Black Bezel



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



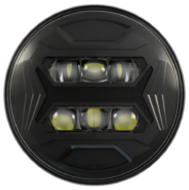
Part Number 0562271
12-24V DOT/ECE LED High and Symmetric Low Beam Headlight with Front Position with Black Bezel



Part Number 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



Part Number 0562331
12-24V DOT LED RHT High and Low Beam Headlight with Black Bezel

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.