

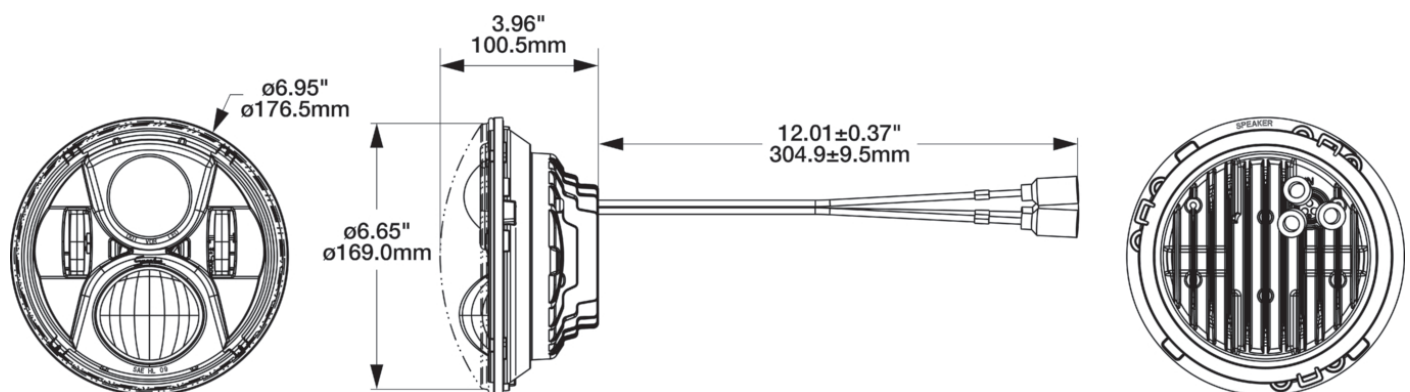
LED Headlight - Model 8700 Military Headlight

PRODUCT INFORMATION

Description	12-24V LED Military Low and High Beam Headlight
Height	169.00 mm / 6.65 in
Width	169.00 mm / 6.65 in
Depth	100.50 mm / 3.96 in
Shape	Round
Outer Lens Material	GLASS
Outer Lens Color	CLEAR
Housing Material	ALUMINUM
Housing Color	BLACK
Bezel Color	BLACK
Minimum Operating Temperature	-30 °C / -22 °F
Maximum Operating Temperature	50 °C / 122 °F
Connector or Wiring	Male Terminal Shell, 14ga - Ord. #MS27144-1 / Amer. 8338560
Product Weight	2.55 lbs / 1.16 kgs
Shipping Weight	3.40 lbs / 1.54 kgs



PRODUCT DIMENSIONS



Print date: 2025-12-19

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

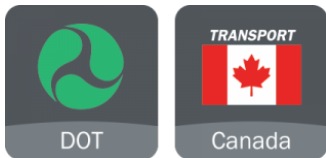
J.W. SPEAKER®
 Engineered. Lighting. Solutions.

LED Headlight - Model 8700 Military Headlight

ELECTRICAL SPECIFICATIONS

Input Voltage	9-32V DC
Operating Voltage	12-24V DC
17 Wire	HIGH BEAM
18 Wire	LOW BEAM
91 Wire	GROUND
Current Draw	1.50A @ 14V DC (HIGH BEAM) 0.93A @ 24V DC (HIGH BEAM) 1.38A @ 14V DC (LOW BEAM) 0.83A @ 24V DC (LOW BEAM)

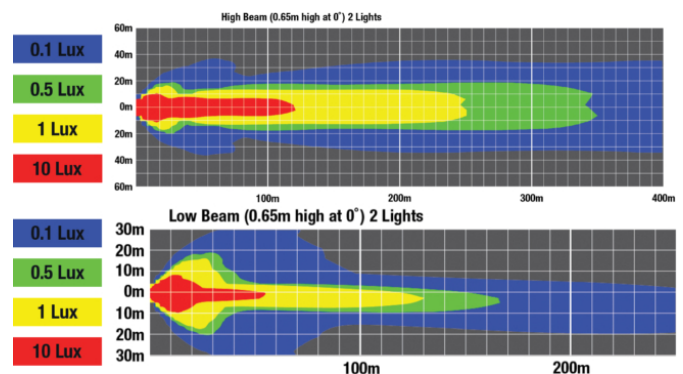
REGULATORY STANDARDS COMPLIANCE



FMVSS 108 s10.1 (Table XIX) FMVSS 108 s10.1 (Table XVIII)

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	2,360 (High Beam), 1,520 (Low Beam)
Effective Lumen Output	1,020 (High Beam), 810 (Low Beam)
Candela Output	60,500 (High Beam); 27,500 (Low Beam)
Nominal LED Color Temperature	5025 K
Beam Pattern(s)	Forward Lighting - High Beam (DOT) Forward Lighting - Low Beam (DOT)



Print date: 2025-12-19

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

LED Headlight - Model 8700 Military Headlight

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.

ACCESSORIES



Part Number
8201111

Black Polycarbonate
Bucket for 7" Round
(PAR56) Headlight



Part Number
8201121

Green Polycarbonate
Bucket for 7" Round
(PAR56) Headlight



Part Number
8201131

Tan Polycarbonate
Bucket for 7" Round
(PAR56) Headlight

LED Headlight - Model 8700 Military Headlight

RELATED PRODUCTS



Part Number
0561341

12-24V LED Military
Headlight Kit with
Black Polycarbonate
Bucket



Part Number
0561381

12-24V LED Military
Headlight Kit with
Green Polycarbonate
Bucket



Part Number
0561391

12-24V LED Military
Headlight Kit with Tan
Polycarbonate Bucket