

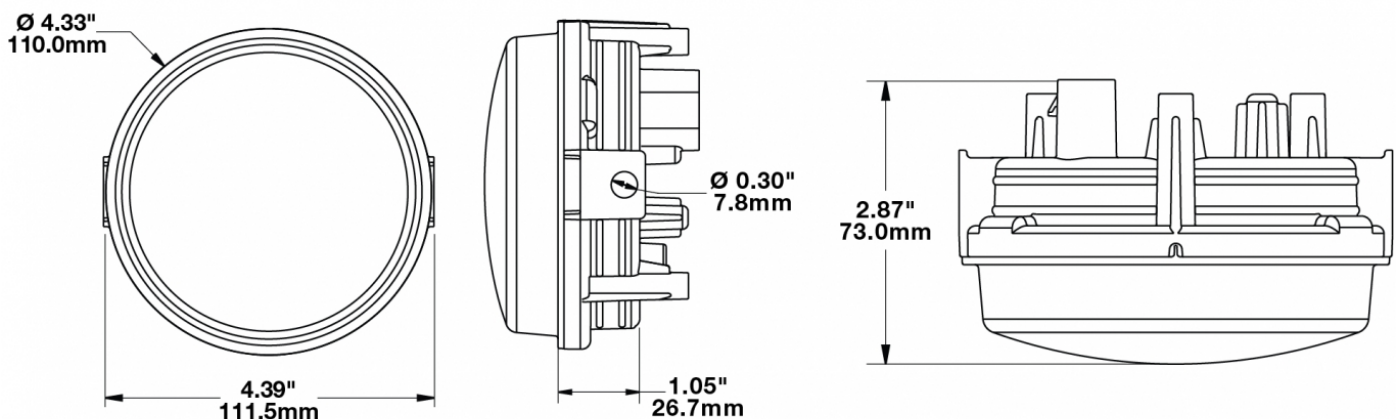
LED ATV and UTV Headlights - Model 8415 Evolution

PRODUCT INFORMATION

Description	12-24V SAE LED Low Beam ATV Headlight with Fixed Panel Mount
Height	119.63 mm / 4.71 in
Width	111.25 mm / 4.38 in
Depth	72.90 mm / 2.87 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Polycarbonate
Housing Color	Black
Mounting Type	Fixed Panel Mount
Minimum Operating Temperature	-40 °C / -40 °F
Maximum Operating Temperature	65 °C / 149 °F
Mating Connector	Packard 12124817
Product Weight	0.23 lbs / 0.1 kgs
Shipping Weight	1.10 lbs / 0.5 kgs



PRODUCT DIMENSIONS



Print date: 2026-04-15

© 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.

LED ATV and UTV Headlights - Model 8415 Evolution

ELECTRICAL SPECIFICATIONS

Input Voltage	10-30V DC
Operating Voltage	12-24V DC
Transient Spike Protection	150V Peak @ 1 HZ-100 Pulses
Current Draw	0.35A @ 12V DC (Low Beam) 0.20A @ 24V DC (Low Beam)

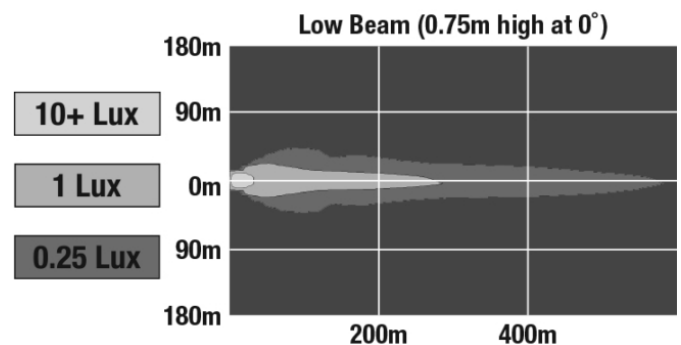
REGULATORY STANDARDS COMPLIANCE



ASABE S608	IEC IP67
SAE J1113-13	SAE J1113-21
SAE J1113-4	SAE J1623
SAE J2258	

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output	580
Effective Lumen Output	330
Beam Pattern(s)	Forward Lighting - Trapezoid



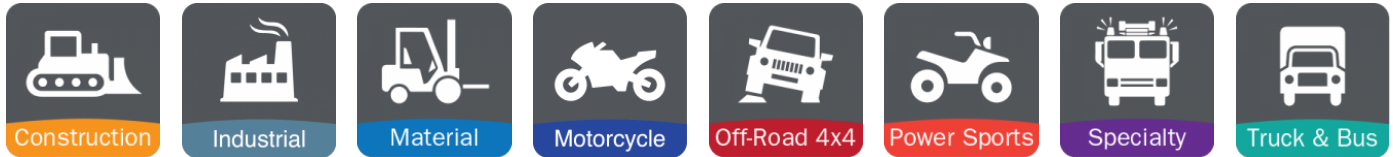
Print date: 2026-04-15

© 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.

LED ATV and UTV Headlights - Model 8415 Evolution

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.

RELATED PRODUCTS



Part Number
0551191
12-24V SAE/ECE LED
High/Low Beam Light
with Xenoy Housing &
Adjustable Mount



Part Number
0551761
12-24V SAE/ECE LED
High/Low Beam Light
with Xenoy Housing &
Fixed Panel Mount



Part Number
0552031
12-24V SAE/ECE LED
High/Low Beam Light
with Polycarbonate
Housing & Adjustable
Mount - UL Version



Part Number
0556431
12-24V SAE LED Low
Beam ATV Headlight
with Adjustable Mount



Part Number
0558361
12-24V DOT LED Low
Beam/Front Position
Headlight w/ Built in
Turn Signal &
Adjustable Mount

Print date: 2026-04-15

© 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.