

J.W. Speaker Model 8900 Evolution 2

LED Headlights



Description

The J.W. Speaker 8900 Evolution 2 LED Headlights provides high performance 5x7" LED headlights. This headlight complies to meet the proposed National Highway Transportation Safety Administration (NHTSA) guidelines for a 5-Star NCAP-compliant low beam headlight.

Features and Benefits

- Ideal solution for commercial vehicles where visibility is critical to ensuring productivity.
- Complies with NHTSA's proposed guidelines for a 5-Star safety rating, delivering more light output and less glare.
- 50% increase in low beam output and 55% increase in high beam, and improved optical design and performance when compared to previous model 8900
- Anti-fog and hard-coated PC lens to prevent cracking and formulated to resist UV or chemical damage
- Sealed to IP69K for protection from high pressure wash & steam cleaning
- Advanced OEM-approved venting system Plug & play for standard 5" x 7" headlights and compatible with DRL systems.

Applications

Automotive, construction, mining, off-road 4x4, specialty vehicles, trucks and buses

Tech Specs

| | |
|----------------------------|--|
| Light source | LEDs |
| eLumens | 1,200 Lu (high beam); 975 Lu (low beam) |
| rLumens | 2,640 Lu (high beam); 2,250 Lu (low beam) |
| Beam Pattern | Forward Lighting - High Beam (DOT/ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position |
| Current Draw | 1.94A @ 12V DC (High Beam) 1.67A @ 12V DC (Low Beam) 0.22A @ 12V DC (Front Position) 1.03A @ 24V DC (High Beam) 0.87A @ 24V DC (Low Beam) 0.16A @ 24V DC (Front Position) |
| Voltage | 12-24V DC |
| Operating Temperature | -40°C to +65°C (-40°F to +149°F) |
| Transient Spike Protection | 150V Peak @ 1 HZ-100 Pulses |
| IP Rating | IP69K |
| Compliance | FMVSS 108 Table XIX, FMVSS 108 Table XVIII, ECE Reg. 112, ECE Reg. 7, Buy America Standards |
| Shape / Fitting | Retrofits 2B1 5" X 7" Headlights |
| Housing | Die-Cast Aluminum |
| Bezel Colour Options | Chrome or BLACK |
| Lens | Clear polycarbonate |
| Connector | H4 AMP#172615-2 |
| Wiring | H4 |
| Weight | 2.80 lbs / 1.27 kgs |
| Dimensions (DxWxH) | 3.73x7.87x5.6" (95x200x142mm) |

| Part No. | Description |
|-------------|---|
| SPE-0554431 | 8900 Evo 2 Series ECE LHT LED High & Low Beam Headlight with Chrome Inner Bezel |
| SPE-0554451 | 8900 Evo 2 Series ECE LHT LED High & Low Beam Headlight with Black Inner Bezel |
| SPE-0554471 | 8900 Evo 2 Series DOT/ECE RHT LED High & Low Beam Headlight with Chrome Inner Bezel |
| SPE-0554491 | 8900 Evo 2 Series DOT/ECE RHT LED High & Low Beam Headlight with Black Inner Bezel |



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