

MODEL 9800

LED HEADLIGHT

FOR SNOW PLOWS



The Model 9800 is a multi-purpose, freestanding LED headlight designed to be compact enough to mount on snow plows without blocking the driver's line-of-sight. Ideally suited to standard snow plowing (not "high speed" plowing) by heavy-duty municipal trucks clearing snow on county roads and in residential areas.

It also delivers a flexible mounting solution for use on a wide range of specialty vehicles.

J.W. SPEAKER
Engineered. Lighting. Solutions.

Built With Precision

The J.W. Speaker Model 9800 headlights use reflector optics engineered to deliver precise beam patterns, featuring vertically mounted booster optics that enhance the low beam. The headlight also features a proprietary “smart” heating solution that uses a thermally conductive grid system to de-ice the lens up to two times faster than a conventional halogen unit. It senses ambient temperature and automatically turns the heater on or off, while consuming only 15-18W of power.



Features & Benefits

- **Rugged Xenoy housing:** Tough, high-impact enclosure ensures long-lasting operation in harsh conditions; it's corrosion-proof and lightweight too.
- **Tough polycarbonate lens:** Hard- and anti-fog coated, abrasion and UV resistant
- **All-inclusive optics package:** Low and high beam, front position and turn signal all-in-one.
- **Bright, white LEDs:** Optimal color temperature simulates day-time lighting for maximum visibility.
- **Street legal:** Meets DOT FMVSS 108 and ECE Regulation 113 requirements
- **Electrically protected:** Covers transient, reverse-polarity, over-voltage and EMI protection
- **Temperature range:** Functions from -40°C to 65°C
- **Operating voltage:** 12V DC unit 9-16V DC range
12-24V unit 10-30V DC range
- **Low power consumption:** Uses less current draw than halogen headlights
- **High-Performance Beam Pattern and Color Temperature:** Precisely engineered beam pattern with more spread puts light where it's needed most, down the road and ditch-to-ditch, with a clean, crisp bright white light with a color temperature that minimizes driver fatigue.
- **Visibility & Conspicuity:** Designed to provide maximum visibility for the driver and “conspicuity” (the ability to be seen) for oncoming traffic/pedestrians, thus delivering more comfort and safety.
- **“Smart” Heating System:** Automatically de-ices headlight according to ambient temperature—no need for the driver to do anything—while consuming less power than a conventional halogen system.
- **DOT Compliant:** Meets FMVSS 108 requirements for legal low and high beam patterns, turn signal and front position, thus complying with municipal requirements (ECE versions coming soon).
- **Small, One-Size-Fits-All footprint** assures driver's line-of-sight; easy to install, using a universal mounting bracket that height and aiming adjustment.

Technical

- Two models; 12V and 12-24V
- 12V version with heater
- 12-24V non-heated unit
- DOT compliant
- Multi-function: low and high beam with integrated turn signal and front position
- Dimensions: 11.5" long by 5" high (with mounting bracket)
- Sold as a kit comprising two lights
- Instructions provided to ensure SAE height and vertical aiming compliance when mounted
- The Model 9800 is **not** designed to be a plug and play solution for Boss snow plows. If you have a Boss snow plow, please see a local Boss dealer for information on the right product to use.



Part No.	Description
0550061	12-24V DOT LED Non-Heated Headlight - 2 Light Kit
0552243	12V DOT LED Heated Headlight - 2 Light Kit

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