**PART NUMBER 0552243**

# LED Headlights - Model 9800

## PRODUCT INFORMATION

| | |
|---|---|
| **Description** | 12V DOT LED Heated Headlight - 2 Light Kit |
| **Height** | 94.53 mm / 3.72 in |
| **Width** | 291.58 mm / 11.48 in |
| **Depth** | 133.17 mm / 5.24 in |
| **Shape** | Rectangular |
| **Outer Lens Material** | Polycarbonate |
| **Outer Lens Color** | Clear |
| **Housing Material** | Xenoy |
| **Housing Color** | Black |
| **Bezel Color** | Black |
| **Mounting Hardware Description** | (x4) M8-1.25 x 25 mm OR (x2) 1/2"-13 x 1.75" SS Carraige Bolt |
| **Mounting Type** | Universal Pedestal Mount |
| **Retrofits** | Pedestal Mount Snow Plow Lights |
| **Mating Connector** | Delphi (#12052848) |
| **Product Weight** | 9.06 lbs / 4.11 kgs |
| **Shipping Weight** | 10.21 lbs / 4.63 kgs |

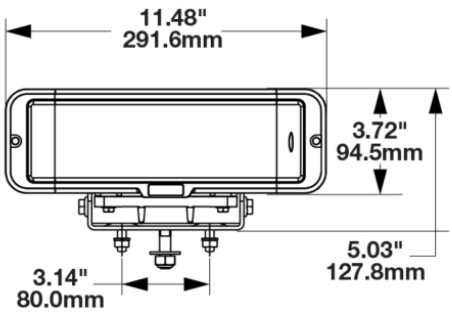


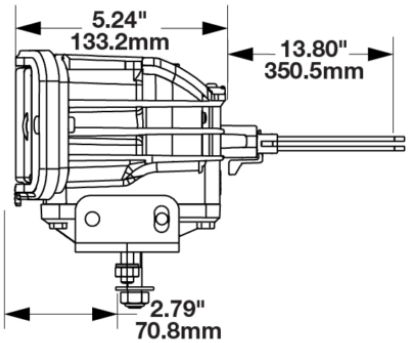


MODEL 9800

SmartHeat HEATED LIGHTING TECHNOLOGY

## PRODUCT DIMENSIONS




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PART NUMBER 0552243

# LED Headlights - Model 9800

## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| **Input Voltage** | 12V DC |
| **Operating Voltage** | 10-15V DC |
| **Red Wire** | Front Position |
| **Black Wire** | Ground |
| **White Wire** | High Beam |
| **Yellow Wire** | Turn |
| **Blue Wire** | Non-Functioning |
| **Orange Wire** | Low Beam |
| **Current Draw** | 2.70A @ 12V DC (Low Beam)<br>3.40A @ 12V DC (High Beam)<br>0.85A @ 12V DC (Turn Signal)<br>0.04A @ 12V DC (DRL) |

## REGULATORY STANDARDS COMPLIANCE




| | |
|---|---|
| Buy America Standards | Eco Friendly |
| FMVSS 108 s10.1 (Table XIX) | FMVSS 108 s10.1 (Table XVIII) |
| FMVSS 108 s7.1 (Table VI) | FMVSS 108 s7.8 (Table XIV) |


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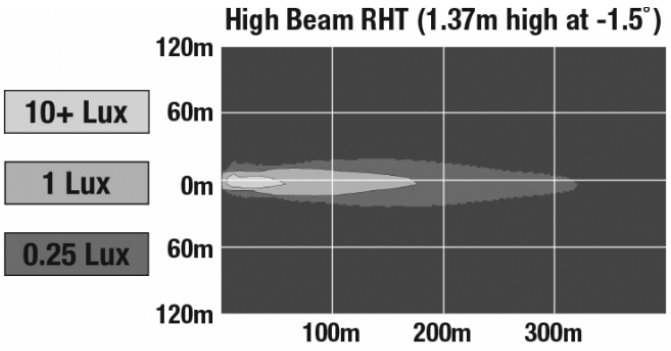
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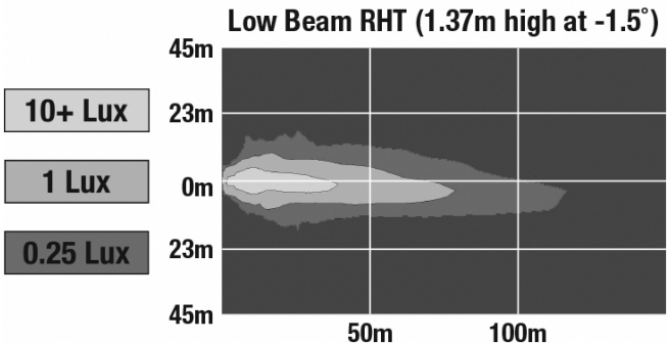
PART NUMBER 0552243

# LED Headlights - Model 9800

## PHOTOMETRIC SPECIFICATIONS

| | |
|---|---|
| **Raw Lumen Output** | 2,880 (High Beam); 2,160 (Low Beam) |
| **Effective Lumen Output** | 1,150 (High Beam); 800 (Low Beam) |
| **Candela Output** | 52,000 |
| **Nominal LED Color Temperature** | 5000 K |




## APPLICATIONS




## INSTALLATION & APPLICATION INFORMATION

Pedestal mount snow plow lights for single or double bolt mounts. Each lamp comes with mounting hardware for single bolt mount included (1/2-13 x 1.75 SS Carriage Bolt with hex nut and washer), in addition to the 2 M8-1.25 x 25 SS Carriage Bolts for double bolt mounts.

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# LED Headlights - Model 9800

## ADDITIONAL INFORMATION

J.W. Speaker's Model 9800 is best suited for normal snow plowing, not "high speed" plowing on highways. Consult with your J.W. Speaker salesperson for more information.

The Model 9800 is not designed to be a plug and play for Boss snow plows. If you have a Boss snow plow please see your local Boss dealer for information on the right product to use.

Lamp design integrates acceptance of mating connector Delphi #1205848

## SMARTHEAT™ HEATING SYSTEM

The SmartHeat™ heating system senses ambient temperature and turns the integrated heating system in the lens on & off. This system actually clears ice & snow twice as fast as conventional halogen lamps.

**When does the heater turn on?**
Heater turns on or off according to temperature changes and vehicle power:
• Heater will turn on when temperatures drop, generating enough heat to prevent ice build-up.
• Heater will turn on when powering up, de-icing the light as rapidly as possible.

**When does the heater turn off?**
Heater will turn off when it senses temperatures increase and are above the high temperature threshold.

Learn more about this technology here.

See Additional Information on page 1 for heated wire installation

## 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.

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# LED Headlights - Model 9800

## RELATED PRODUCTS



**Part Number 0550061**
12-24V DOT LED Non-Heated Headlight - 2 Light Kit



**Part Number 0550161**
12-24V ECE LED RHT Non-Heated Headlight - 2 Light Kit



**Part Number 0550171**
12-24V ECE LED LHT Non-Heated Headlight - 2 Light Kit



**Part Number 0551803**
24V DOT LED Heated Headlight - 2 Light Kit



**Part Number 0551833**
24V ECE LED RHT Heated Headlight - 2 Light Kit



**Part Number 0551863**
24V ECE LED LHT Heated Headlight - 2 Light Kit



**Part Number 0552423**
12V ECE LED RHT Heated Headlight - 2 Light Kit



**Part Number 0552433**
12V ECE LED LHT Heated Headlight - 2 Light Kit


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