

# LED Headlights - Model 9800

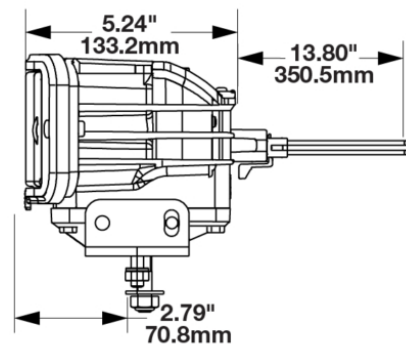
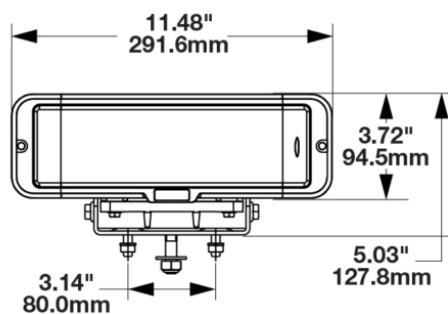
## PRODUCT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Description</b>                   | 12-24V DOT LED Non-Heated Headlight<br>- 2 Light Kit             |
| <b>Height</b>                        | 94.53 mm / 3.72 in   |
| <b>Width</b>                         | 291.58 mm / 11.48 in   |
| <b>Depth</b>                         | 133.17 mm / 5.24 in  |
| <b>Shape</b>                         | Rectangular  |
| <b>Outer Lens Material</b>           | Polycarbonate  |
| <b>Outer Lens Color</b>              | Clear  |
| <b>Housing Material</b>              | Xenoy  |
| <b>Housing Color</b>                 | Black  |
| <b>Bezel Color</b>                   | Black  |
| <b>Mounting Hardware Description</b> | (x4) M8-1.25 x 25 mm OR (x2) 1/2"-13<br>x 1.75" SS Carraige Bolt |
| <b>Mounting Type</b>                 | Universal Pedestal Mount   |
| <b>Retrofits</b>                     | Pedestal Mount Snow Plow Lights                                  |
| <b>Mating Connector</b>              | Delphi (#12052848)   |
| <b>Product Weight</b>                | 9.06 lbs / 4.11 kgs  |
| <b>Shipping Weight</b>               | 10.21 lbs / 4.63 kgs   |



MODEL  
**9800**

## PRODUCT DIMENSIONS



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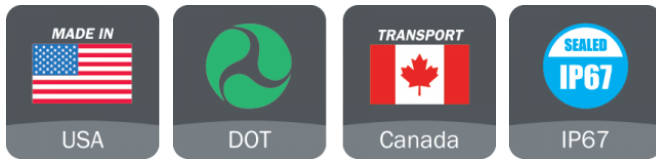
## ELECTRICAL SPECIFICATIONS

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|                          |  |
|--------------------------|--|
| <b>Input Voltage</b>     | 12-24V DC  |
| <b>Operating Voltage</b> | 10-32V DC  |
| <b>Red Wire</b>          | Front Position   |
| <b>Black Wire</b>        | Ground   |
| <b>White Wire</b>        | High Beam  |
| <b>Yellow Wire</b>       | Turn   |
| <b>Blue Wire</b>         | Non-Functioning  |
| <b>Orange Wire</b>       | Low Beam   |
| <b>Current Draw</b>      | 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)<br>1.20A @ 24V DC (Low Beam)<br>1.60A @ 24V DC (High Beam)<br>0.27A @ 24V DC (Turn Signal)<br>0.03A @ 24V DC (DRL) |

## REGULATORY STANDARDS COMPLIANCE

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|                               |                             |
|-------------------------------|-----------------------------|
| Buy America Standards         | FMVSS 108 s10.1 (Table XIX) |
| FMVSS 108 s10.1 (Table XVIII) | FMVSS 108 s7.1 (Table VI)   |
| FMVSS 108 s7.8 (Table XIV)    | IEC IP67                    |

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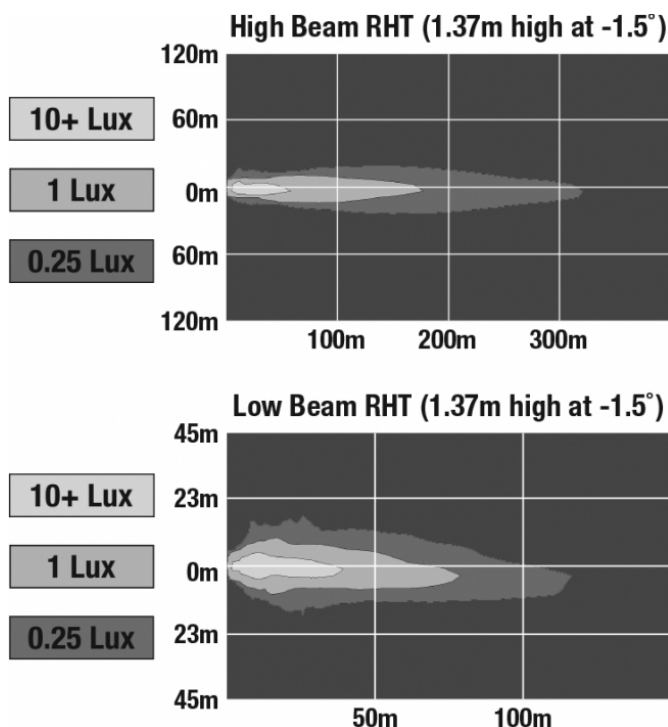
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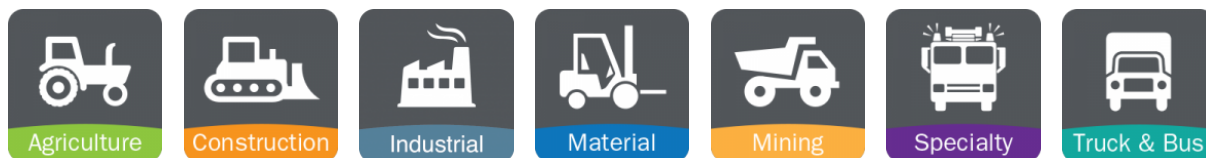
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 2,880 (High Beam); 2,160 (Low Beam)   |
| <b>Effective Lumen Output</b>        | 1,150 (High Beam); 800 (Low Beam)   |
| <b>Candela Output</b>                | 52,000 (High Beam)  |
| <b>Nominal LED Color Temperature</b> | 5000 K  |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT)<br>Signalization - Turn (Front) |



## 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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## 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

## PRODUCT WARNINGS

For California residents:

⚠ **WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## RELATED PRODUCTS



**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**  
**0552243**  
12V DOT LED 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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