

LED Headlight - Model 9800

PRODUCT INFORMATION

Description	24V 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 - 1.25-80 mm x 25 mm SS Carriage Bolt
Mounting Type	Universal Pedestal Mount
Mating Connector	Delphi (#12052848)
Shipping Weight	8.09 lbs / 3.67 kgs



PRODUCT DIMENSIONS



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 Engineered. Lighting. Solutions.

LED Headlight - Model 9800

ELECTRICAL SPECIFICATIONS

Input Voltage	24V DC
Operating Voltage	20-32V 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	1.20A @ 24V DC (Low Beam) 1.60A @ 24V DC (High Beam) 0.27A @ 24V DC (Turn Signal) 0.03A @ 24V DC (DRL)

REGULATORY STANDARDS COMPLIANCE



Buy America Standards
FMVSS 108 Table VI
FMVSS 108 Table XIX

Eco Friendly
FMVSS 108 Table XIV
FMVSS 108 Table XVIII

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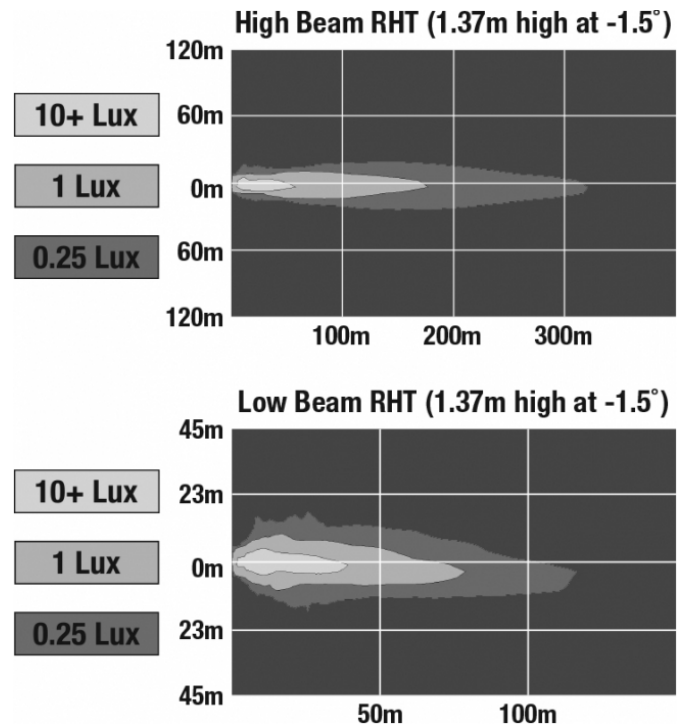
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PHOTOMETRIC SPECIFICATIONS

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



APPLICATIONS



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

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A SMART HEATING SYSTEM

The Model 9800 offers a smart heating system that senses ambient temperature and turns the integrated heating system in the lens on & off. This system only uses 15-18 watts of power, exceeds strict military standards for de-icing, and 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

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
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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