

LED Headlight - Model 9800

PRODUCT INFORMATION

Description	12V ECE LED RHT 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)
Product Weight	8.75 lbs / 3.97 kgs
Shipping Weight	9.68 lbs / 4.39 kgs



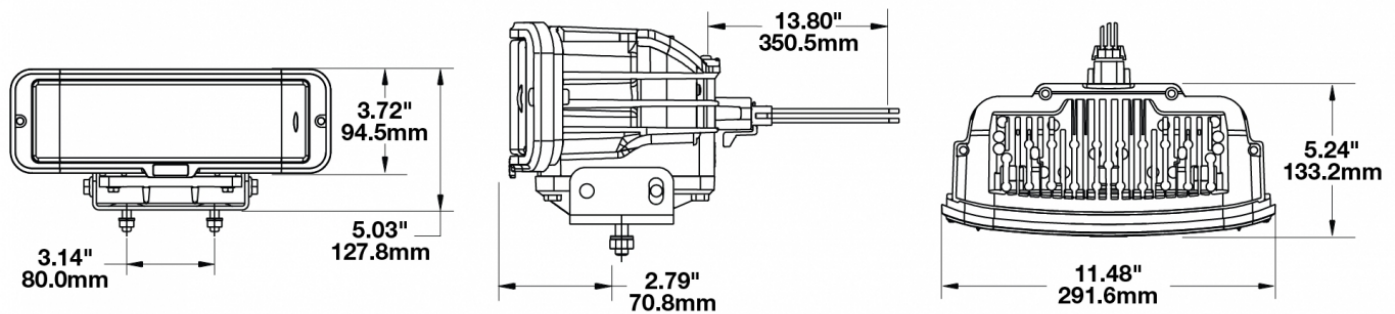
Print date: 2019-02-15

© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

LED Headlight - Model 9800

PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

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

Print date: 2019-02-15

© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

LED Headlight - Model 9800

REGULATORY STANDARDS COMPLIANCE



Buy America Standards
ECE Reg 6
ECE Reg 87
IEC IP67

ECE Reg 112
ECE Reg 7
Eco Friendly

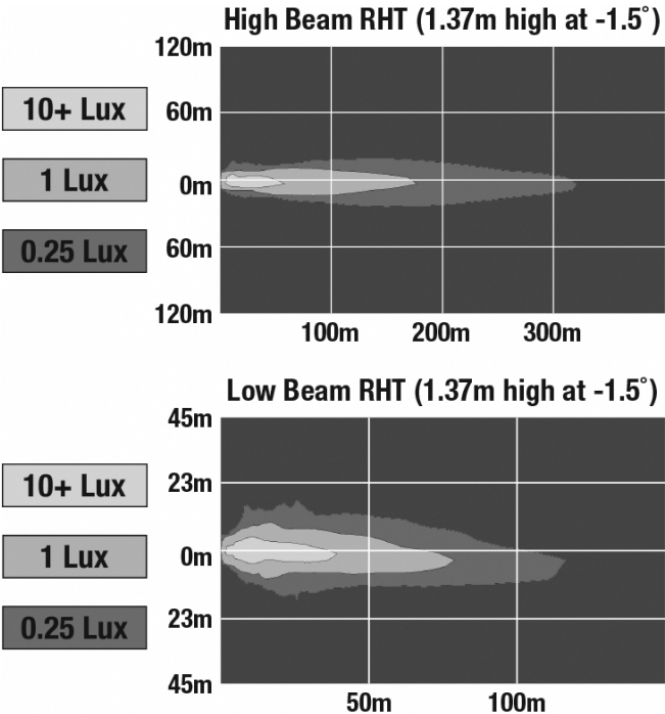
PHOTOMETRIC SPECIFICATIONS

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 (ECE Right Hand)
Signalization - Turn (Front)



Print date: 2019-02-15

© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660



LED Headlight - Model 9800

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

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

Print date: 2019-02-15

© 2019 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER 
Engineered. Lighting. Solutions.

LED Headlight - 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
0552243
12V DOT LED Heated Headlight - 2 Light Kit



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