

# LED Tail Lights - Model 234

## PRODUCT INFORMATION

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<b>Description</b>	12-24V DOT LED Heated White Reverse Light
<b>Height</b>	42.55 mm / 1.68 in
<b>Width</b>	110.14 mm / 4.34 in
<b>Depth</b>	20.28 mm / 0.8 in
<b>Shape</b>	Round
<b>Outer Lens Material</b>	Polycarbonate
<b>Outer Lens Color</b>	Clear
<b>Housing Material</b>	Polycarbonate
<b>Housing Color</b>	Black
<b>Connector or Wiring</b>	AMP 282087-1
<b>Mating Connector</b>	None. 3-Pin AMP Connector (#282087-1) sold separately.
<b>Product Weight</b>	0.31 lbs / 0.14 kgs
<b>Shipping Weight</b>	1.10 lbs / 0.5 kgs



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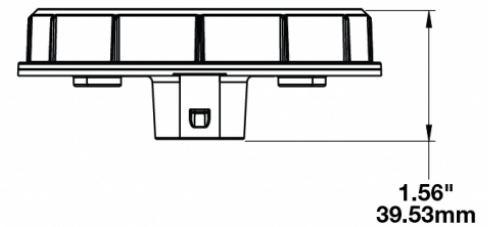
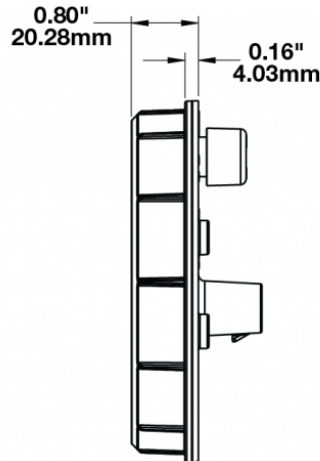
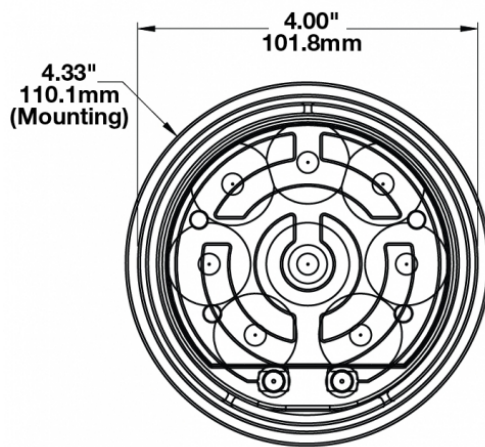
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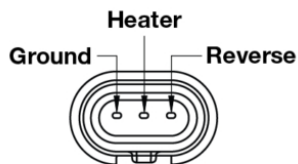
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## PRODUCT DIMENSIONS

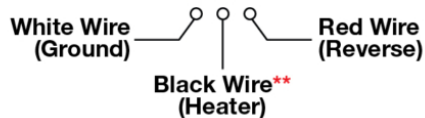


### Pin Out Information

LIGHT (Socket shown ↑ top)



### WIRE HARNESS\*



\*Wire harness sold separately on Part # 0346471.  
Wire harness included on Part # 0346474.  
Also available as a single accessory (Part # 3270501)

\*\*To operate heating circuit on the Reverse Lamp, a separate constant 12V DC power line must be wired.

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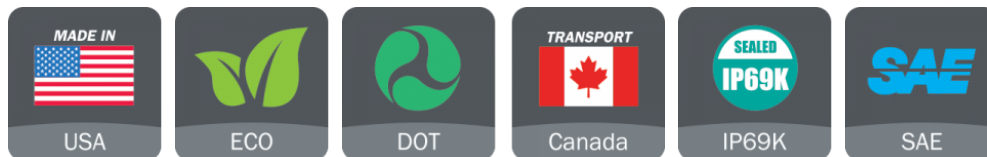
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## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	10-32V DC
<b>White Wire</b>	Ground
<b>Black Wire</b>	Heater
<b>Red Wire</b>	Turn
<b>Current Draw</b>	.40A @ 12V DC (Reverse) .20A @ 24V DC (Reverse) 1.3A @ 12V DC (Reverse Heated) .70A @ 24V DC (Reverse Heated) .80A @ 12V DC (Heater) .40A @ 24V DC (Heater)

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards      Eco Friendly  
FMVSS 108 s7.6 (Table XII)      IEC IP69K  
SAE J593

## PHOTOMETRIC SPECIFICATIONS

**Effective Lumen Output**      7

## APPLICATIONS



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## INSTALLATION & APPLICATION INFORMATION

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Installation requires the white wire (Heater) to be powered in order for the heater to work. If power is not supplied to the heater, the light will not be heated. Current Draws will differ based upon whether or not the heater is active. Turn off power before installing.

## SMARTHEAT™ HEATING SYSTEM

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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

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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).

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## ACCESSORIES



**Part Number**  
**4242731**  
4" Round Rubber  
Mounting Grommet for  
Model 234



**Part Number**  
**5869401**  
4" Round Plastic  
Mounting Flange for  
Model 234



**Part Number**  
**8200441**  
4" Round Stainless  
Steel Trim Ring for  
Model 234



**Part Number**  
**8200451**  
4" Round Chrome  
Plastic Trim Ring for  
Model 234



**Part Number**  
**3270501**  
3-Pin AMP Connector  
Wire Harness  
Assembly

## RELATED PRODUCTS



**Part Number**  
**0346261**  
12-24V DOT LED  
Heated Red Stop, Tail,  
& Turn Light



**Part Number**  
**0346264**  
12-24V DOT LED  
Heated Red Stop, Tail,  
& Turn Light Kit with  
Harness



**Part Number**  
**0346421**  
12-48V DOT LED Non-  
Heated Stop & Tail  
Light



**Part Number**  
**0346474**  
12-24V DOT LED  
Heated White Reverse  
Light Kit with Harness



**Part Number**  
**0347811**  
12-24V DOT LED  
Heated Amber Turn  
Signal



**Part Number**  
**0347814**  
12-24V DOT LED  
Non-Heated Amber Turn  
Signal Kit with Harness



**Part Number**  
**0347861**  
12-24V DOT LED Non-  
Heated Red Stop, Tail,  
& Turn Light



**Part Number**  
**0347864**  
12-24V DOT LED Non-  
Heated Red Stop, Tail,  
& Turn Light Kit with  
Harness