

# LED Headlight – Model 8633 Evolution

## PRODUCT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Description</b>                   | 12/24V DOT/ECE LED RHT Heated Headlight w/ Turn Signal, DRL, & FP - 2 Light Kit (NO WIRE ASSEMBLY) |
| <b>Height</b>                        | 172.50 mm / 6.79 in  |
| <b>Width</b>                         | 143.50 mm / 5.65 in  |
| <b>Depth</b>                         | 88.20 mm / 3.47 in   |
| <b>Shape</b>                         | Round  |
| <b>Outer Lens Material</b>           | Polycarbonate  |
| <b>Outer Lens Color</b>              | Clear  |
| <b>Housing Material</b>              | Aluminum   |
| <b>Housing Color</b>                 | Black  |
| <b>Bezel Color</b>                   | N/A  |
| <b>Mounting Hardware Description</b> | (x1) 0.375"-16 x 1.5" Pedestal   |
| <b>Mounting Type</b>                 | Pedestal   |
| <b>Connector or Wiring</b>           | Housing Integral connector: Aptiv 12124107   |
| <b>Mating Connector</b>              | Aptiv 12052848 JWS 5747010   |
| <b>Product Weight</b>                | 4.80 lbs / 2.18 kgs  |
| <b>Shipping Weight</b>               | 5.81 lbs / 2.64 kgs  |



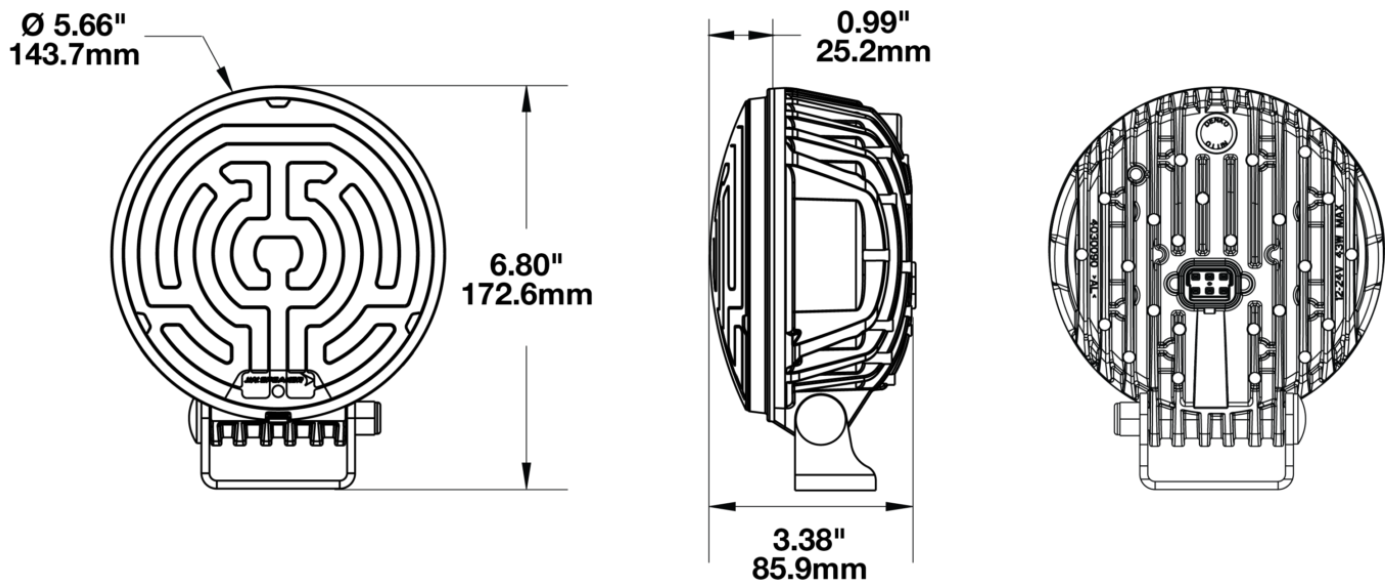
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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

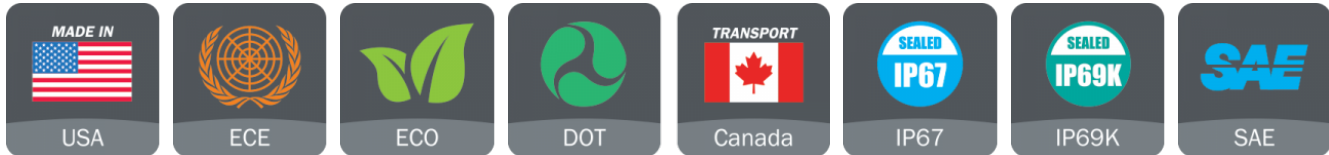
|                      |                                      |
|----------------------|--------------------------------------|
| <b>Input Voltage</b> | 12/24V DC                            |
| <b>Current Draw</b>  | 4.0A @ 13.5V DC (High Beam w/heater) |
|                      | 3.5A @ 13.5V DC (Low Beam w/heater)  |
|                      | 2.8A @ 13.5V DC (DRL w/heater)       |
|                      | 2.4A @ 13.5V DC (Parking w/heater)   |
|                      | 0.6A @ 13.5V DC (Direction w/heater) |
|                      | 2.0A @ 28V DC (High Beam w/heater)   |
|                      | 1.8A @ 28V DC (Low Beam w/heater)    |
|                      | 1.4A @ 28V DC (DRL w/heater)         |
|                      | 1.2A @ 28V DC (Parking w/heater)     |
|                      | 0.4A @ 28V DC (Direction w/heater)   |

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## REGULATORY STANDARDS COMPLIANCE



|                             |                               |
|-----------------------------|-------------------------------|
| Buy America Standards       | ECE Reg 10                    |
| ECE Reg 148 - 1b            | ECE Reg 148 - A               |
| ECE Reg 148 - RL            | ECE Reg 149 - HC              |
| ECE Reg 149 - HR            | 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)    |
| IEC IP67                    | IEC IP69K                     |
| SAE J2087                   | SAE J222                      |
| SAE J588                    |                               |

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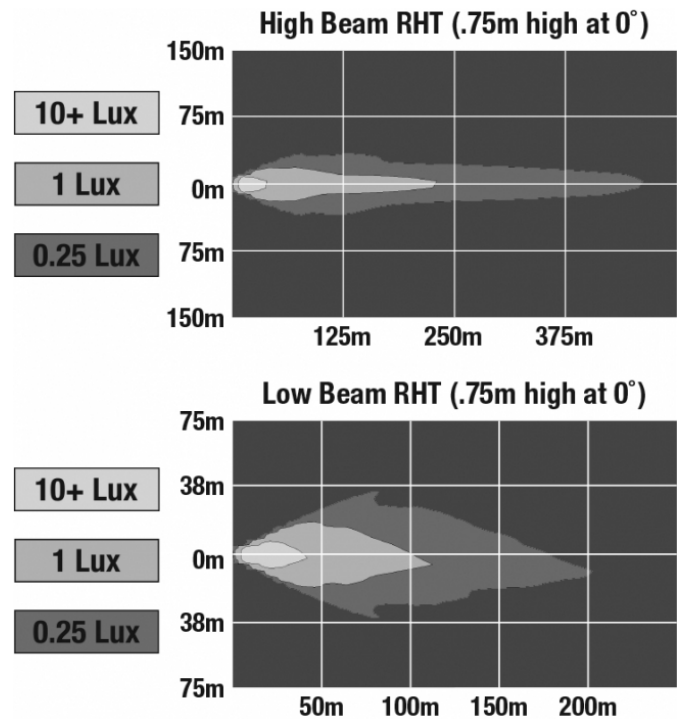
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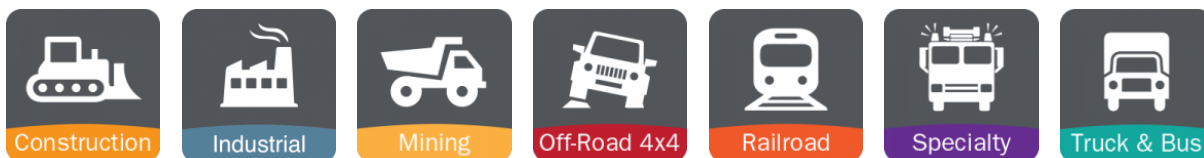
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## PHOTOMETRIC SPECIFICATIONS

|                                      |  |
|--------------------------------------|--|
| <b>Raw Lumen Output</b>              | 2925 HB / 2025 LB  |
| <b>Effective Lumen Output</b>        | 1000 HB / 660 LB   |
| <b>Candela Output</b>                | 51000 HB / 23000 LB  |
| <b>Nominal LED Color Temperature</b> | 5665 K   |
| <b>Beam Pattern(s)</b>               | Forward Lighting - Daytime Running Light<br>Forward Lighting - High Beam (ECE)<br>Forward Lighting - Low Beam (ECE Right Hand)<br>Signalization - Front Position<br>Signalization - Marker<br>Signalization - Turn (Front) |



## APPLICATIONS



## 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).

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## ACCESSORIES

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**Part Number**  
**3268991**

5 Function Wire  
Assembly for Model  
8633

## RELATED PRODUCTS

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**Part Number**  
**0561301**

12/24V DOT/ECE LED  
RHT Heated Headlight  
w/ Turn Signal, DRL, &  
FP (WIRE ASSEMBLY IS  
SOLD SEPARATELY)



**Part Number**  
**0561311**

12/24V ECE LED LHT  
Heated Headlight w/  
Turn Signal, DRL, & FP



**Part Number**  
**0561313**

12/24V ECE LED LHT  
Heated Headlight w/  
Turn Signal, DRL, & FP  
- 2 Light Kit (NO WIRE  
ASSEMBLY)