

# LED ATV and UTV Headlights - Model 8415 Evolution

## PRODUCT INFORMATION

|                                      |  |
|--------------------------------------|--|
| <b>Description</b>                   | 12-24V SAE/ECE LED High/Low Beam Light with Polycarbonate Housing & Adjustable Mount - UL Version  |
| <b>Height</b>                        | 119.63 mm / 4.71 in  |
| <b>Width</b>                         | 111.25 mm / 4.38 in  |
| <b>Depth</b>                         | 72.90 mm / 2.87 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>Mounting Type</b>                 | Adjustable Mount   |
| <b>Retrofits</b>                     | Large Vehicles   |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F  |
| <b>Maximum Operating Temperature</b> | 65 °C / 149 °F   |
| <b>Mating Connector</b>              | PE 12110293  |
| <b>Product Weight</b>                | 0.51 lbs / 0.23 kgs  |
| <b>Shipping Weight</b>               | 1.10 lbs / 0.5 kgs   |
| <b>Additional Information</b>        | Lamp meets SAE J1623, SAE J2258, ASABE S608, ECE Reg 113 Class C. UL Recognized.<br>Adjustable Mount is needed for larger vehicles in order to modify pattern as needed. |



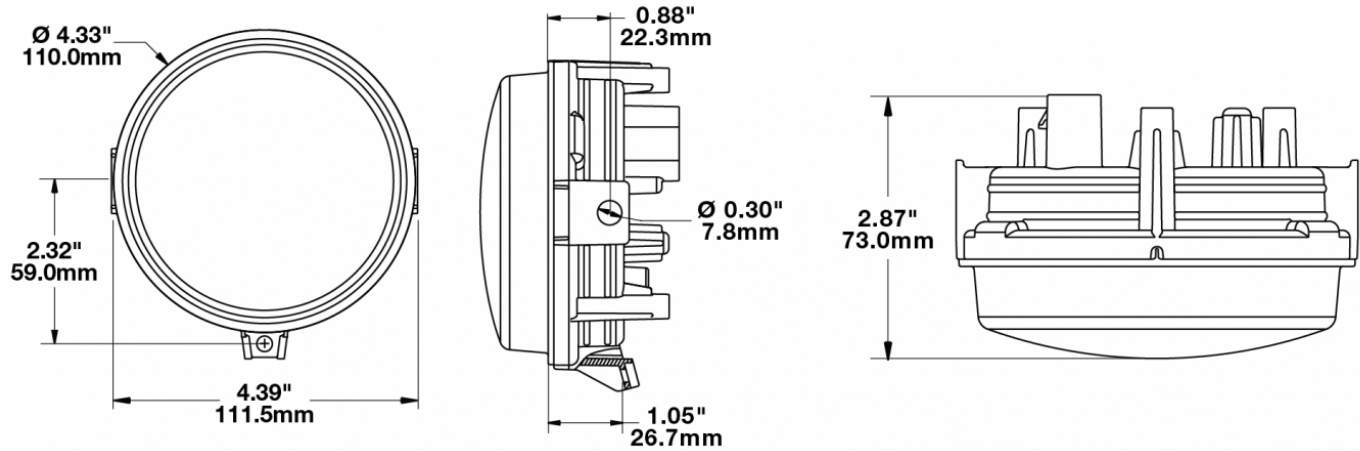
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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

|                          |  |
|--------------------------|--|
| <b>Input Voltage</b>     | 12-24V DC  |
| <b>Operating Voltage</b> | 10-30V DC  |
| <b>Current Draw</b>      | 1.14A @ 12V DC (High Beam)<br>0.41A @ 12V DC (Low Beam)<br>0.57A @ 24V DC (High Beam)<br>0.22A @ 24V DC (Low Beam) |

## REGULATORY STANDARDS COMPLIANCE



ASABE S608  
ECE Reg 113  
IEC IP67  
SAE J2258

Buy America Standards  
Eco Friendly  
SAE J1623  
UL Recognized

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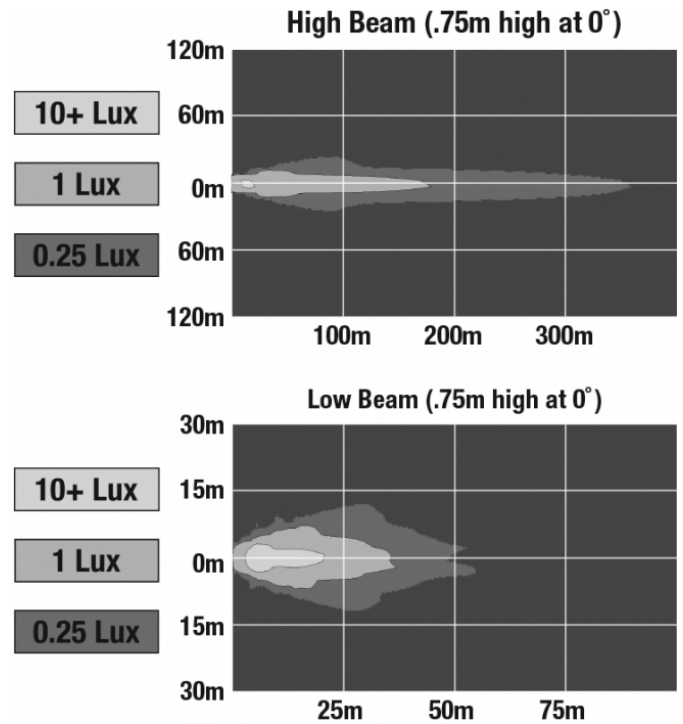
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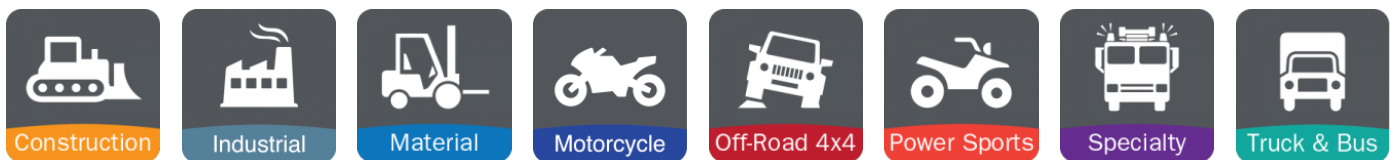
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 1,075 (High Beam); 430 (Low Beam)   |
| <b>Effective Lumen Output</b>        | 720 (High Beam); 240 (Low 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>Forward Lighting - Low Beam (ECE Right Hand) |



## 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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## RELATED PRODUCTS

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**Part Number**  
**0551191**

12-24V SAE/ECE LED High/Low Beam Light with Xenoy Housing & Adjustable Mount



**Part Number**  
**0551761**

12-24V SAE/ECE LED High/Low Beam Light with Xenoy Housing & Fixed Panel Mount



**Part Number**  
**0556421**

12-24V SAE LED Low Beam ATV Headlight with Fixed Panel Mount



**Part Number**  
**0556431**

12-24V SAE LED Low Beam ATV Headlight with Adjustable Mount



**Part Number**  
**0558361**

12-24V DOT LED Low Beam/Front Position Headlight w/ Built in Turn Signal & Adjustable Mount