LED ATV and UTV Headlights - Model 8415 Evolution

PRODUCT INFORMATION

Description 12-24V SAE/ECE LED High/Low Beam

Light with Xenoy Housing & Adjustable

Mount

 Height
 119.63 mm / 4.71 in

 Width
 111.25 mm / 4.38 in

 Depth
 72.90 mm / 2.87 in

Shape Round

Outer Lens Material Polycarbonate

Outer Lens ColorClearHousing MaterialXenoyHousing ColorBlack

Mounting TypeAdjustable MountRetrofitsLarge VehiclesMinimum Operating-40 °C / -40 °F

Temperature

Maximum Operating $65 \, ^{\circ}\text{C} \, / \, 149 \, ^{\circ}\text{F}$

Temperature

Mating ConnectorPE 12110293Product Weight0.51 lbs / 0.23 kgsShipping Weight1.10 lbs / 0.5 kgs

Additional Information Lamp meets SAE J1623, SAE J2258,

ASABE S608, ECE Reg 113 Class C. Adjustable Mount is needed for larger vehicles in order to modify pattern as

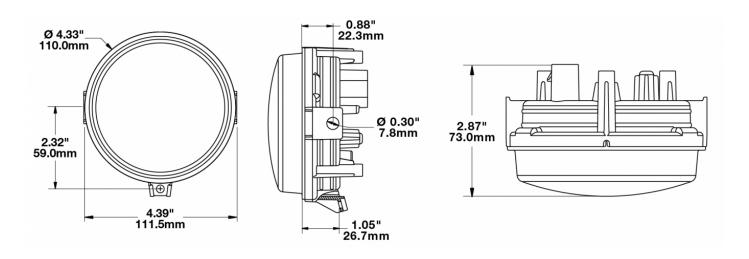
needed.





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PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

Input Voltage12-24V DCOperating Voltage10-30V DC

Current Draw 1.14A @ 12V DC (High Beam)

0.41A @ 12V DC (Low Beam) 0.57A @ 24V DC (High Beam) 0.22A @ 24V DC (Low Beam)

REGULATORY STANDARDS COMPLIANCE













ASABE S608 Buy America Standards

ECE Reg 113 Eco Friendly IEC IP67 SAE J1623

SAE J2258

Print date: 2025-12-01



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PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output 1,075 (High Beam); 430 (Low

Beam)

5000 K

Effective Lumen

Output

720 (High Beam); 240 (Low Beam)

Nominal LED Color

Temperature

Beam Pattern(s) Forward Lighting - High Beam

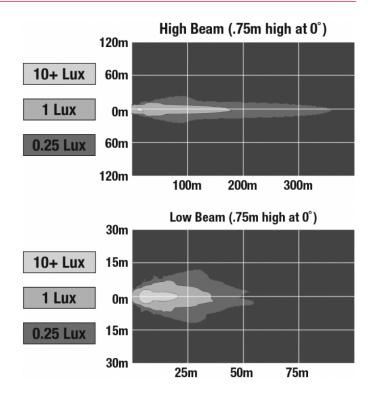
(DOT/ECE)

Forward Lighting - Low Beam

(DOT)

Forward Lighting - Low Beam (ECE

Right Hand)



APPLICATIONS

















PRODUCT WARNINGS

For California residents:

▲ WARNING: Cancer and reproductive harm - www.P65Warnings.ca.gov.

AVERTISSEMENT: Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.



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RELATED PRODUCTS



Part Number 0551761 12-24V SAE/ECE LED High/Low Beam Light with Xenoy Housing & Fixed Panel Mount



Part Number 0552031 12-24V SAE/ECE LED High/Low Beam Light with Polycarbonate Housing & Adjustable Mount - UL Version



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