LED ATV and UTV Headlights - Model 8415 Evolution

PRODUCT INFORMATION

Description 12-24V DOT LED Low Beam/Front

Position Headlight w/ Built in Turn Signal

& Adjustable Mount

 Height
 119.60 mm / 4.71 in

 Width
 111.50 mm / 4.39 in

 Depth
 69.40 mm / 2.73 in

Shape Round

Outer Lens Material Polycarbonate

Outer Lens Color Clear

Housing Material Polycarbonate

Housing Color Black

Mounting Type Fixed Panel Mount

Minimum Operating -40 °C / -40 °F

Temperature

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

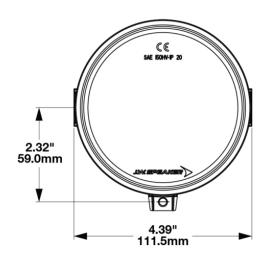
Temperature

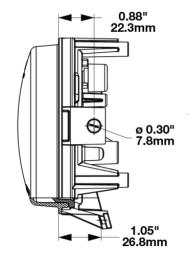
Mating Connector APTIV (Delphi) 12162144

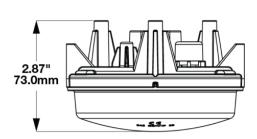
Product Weight 0.53 lbs / 0.24 kgs **Shipping Weight** 3.89 lbs / 1.76 kgs



PRODUCT DIMENSIONS







Print date: 2025-10-25

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ELECTRICAL SPECIFICATIONS

Input Voltage10-30V DCOperating Voltage12-24V DC

Transient Spike Protection 150V Peak @ 1 HZ-100 Pulses

Current Draw 0.43A @ 12V DC (Low Beam)
0.23A @ 24V DC (Low Beam)
0.05A @ 12V DC (Front Position)

0.02A @ 24V DC (Front Position) 0.61A @ 12V DC (Front Turn) 0.29A @ 24V DC (Front Turn)

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output 600 **Effective Lumen** 250

Output

Nominal LED Color

Temperature

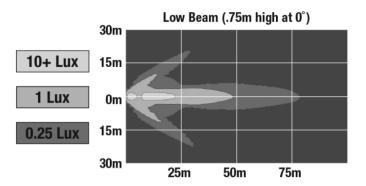
Beam Pattern(s)

Forward Lighting - Low Beam

(DOT)

5000 K

Signalization - Front Position Signalization - Turn (Front)



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 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 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