LED Light Inserts – Model 93

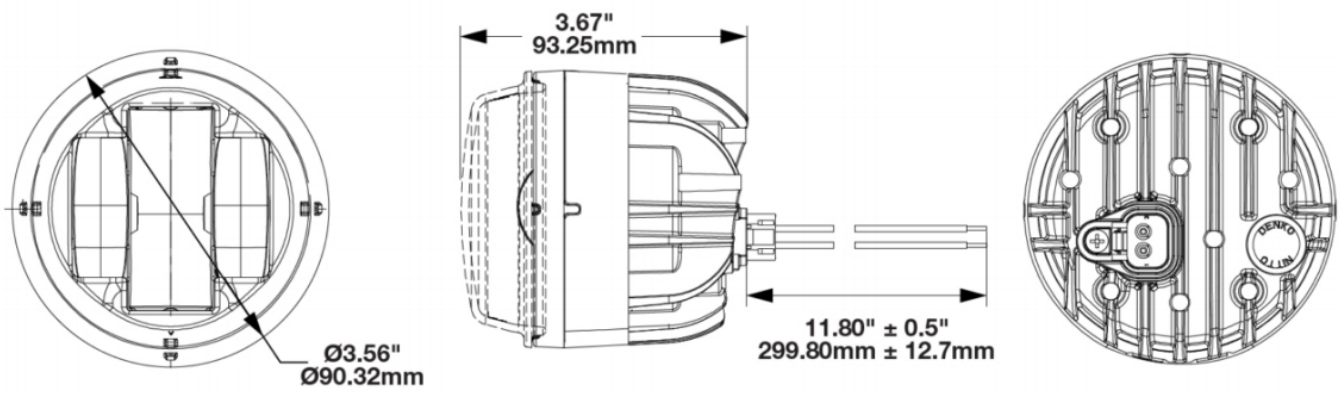
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Product Information

Description	Model 93 - 12/24V LED High Beam (With Front Position)
Height	90.00 mm / 3.54 in
Width	90.00 mm / 3.54 in
Depth	95.00 mm / 3.74 in
Shape	Round
Outer Lens Material	Polycarbonate
Outer Lens Color	Clear
Housing Material	Die-Cast Aluminum
Housing Color	Black
Bezel Color	Black
Minimum Operating Temperature	-40 °C
Maximum Operating Temperature	65 °C
Connector or Wiring	Deutsch DT04-3P
Mating Connector	Deutsch DT06-3S
Product Weight	1.22 lbs / 0.55 kgs
Shipping Weight	1.44 lbs / 0.65 kgs



Product Dimensions



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Electrical Specifications

Input Voltage	12-24V DC
Operating Voltage	10-31V DC
Black Wire	Ground
White Wire	High Beam
Yellow Wire	Front Position
Current Draw	0.80A @ 12V DC (High Beam) 0.40A @ 24V DC (High Beam) 0.40A @ 12V DC (Front Position) 0.20A @ 24V DC (Front Position)

Photometric Specifications

Raw Lumen Output	630
Effective Lumen Output	230
Candela Output	45,000
Nominal LED Color Temperature	5000 K
Beam Pattern(s)	Forward Lighting - High Beam (DOT/ECE) Signalization - Front Position

Additional Specifications

IP Rating	IP69K
Warranty	Please refer to the Warranty Statement which is available for download on the website
Certification	ECE Reg 7 & 112, FMVSS 108 s10.1 (Table XVIII)
Pack Quantity	1

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Additional Information

This is a single light, including (1) lamp and mounting hardware.

Headlight must be securely mounted and properly aimed such that the beam pattern cut off line complies with all applicable regulations. If you are not familiar with the legal requirements for aiming your headlights, please see a professional service provider. We recommend that headlights are aimed with a headlight aiming system for proper alignment.

This is an FMVSS UB6 high beam. It requires that the low beam is powered at the same time as the high beam to be compliant for use on the road.

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