## LED Headlights - Model 8700 EVO 2 DB

## PRODUCT INFORMATION

**Description** 12-24V DOT LED High & Low Beam

Headlight with Black Inner Bezel

 Height
 176.53 mm / 6.95 in

 Width
 176.53 mm / 6.95 in

 Depth
 99.82 mm / 3.93 in

**Shape** Round

Outer Lens Material Polycarbonate

Outer Lens Color Clear

Housing Material Die-Cast Aluminum

Housing Color Gray
Bezel Color Black

**Retrofits** 2D1 "PAR56" or 7" round headlights

Minimum Operating -40 °C / -40 °F

**Temperature** 

**Maximum Operating** 65 °C / 149 °F

**Temperature** 

Connector or Wiring

Mating ConnectorH4 AMP#172615-2Product Weight2.31 lbs / 1.05 kgsShipping Weight3.50 lbs / 1.59 kgs



## **ELECTRICAL SPECIFICATIONS**

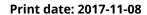
Input Voltage12-24V DCOperating Voltage9-32V DC

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

Black WireGroundWhite WireHigh BeamYellow WireLow Beam

**Current Draw** 3.50A @ 12V DC (High Beam)

2.00A @ 12V DC (Low Beam) 1.80A @ 24V DC (High Beam) 1.10A @ 24V DC (Low Beam)



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## REGULATORY STANDARDS COMPLIANCE









Buy America Standards FMVSS 108 Table XIX IEC IP67

Eco Friendly FMVSS 108 Table XVIII

## **PHOTOMETRIC SPECIFICATIONS**

**Raw Lumen Output** 3,200 (High Beam); 1,770(Low

Beam)

**Effective Lumen** 1,260 (High Beam); 750 (Low Beam)

Output

Candela Output 71,500 (High Beam) 35,003 (Low

Beam)

**Nominal LED Color** 

**Temperature** 

5000 K

**Beam Pattern(s)** Forward Lighting - High Beam

(DOT)

Forward Lighting - Low Beam (DOT)

## **APPLICATIONS**













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## **ADDITIONAL INFORMATION**

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.

#### RELATED PRODUCTS



Part Number 0552751 12-24V ECE LED LHT High & Low Beam Headlight with FP, DRL, & Black Inner Bezel



Part Number 0552761 12-24V ECE LED RHT High & Low Beam Headlight with FP, DRL, Black Inner Bezel



Part Number 0553311 12-24V ECE LED LHT High & Low Beam Headlight with FP, DRL, Chrome Inner Bezel



Part Number 0553321 12-24V ECE LED RHT High & Low Beam Headlight with FP, DRL, Chrome Inner Bezel



Part Number 0554961 12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel



Part Number 0554981 12-24V DOT LED High & Low Beam Headlight with Black Inner Bezel with Mounting Ring



**Part Number** 

0554991 12-24V DOT LED High & Low Beam Headlight with Chrome Inner Bezel with Mounting Ring

