

# LED Headlights - Model 90

## PRODUCT INFORMATION

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Description</b>                   | 12-24V ECE LED LHT Low Beam Headlight |
| <b>Height</b>                        | 108.46 mm / 4.27 in                   |
| <b>Width</b>                         | 108.46 mm / 4.27 in                   |
| <b>Depth</b>                         | 90.42 mm / 3.56 in                    |
| <b>Shape</b>                         | Round                                 |
| <b>Outer Lens Material</b>           | Polycarbonate                         |
| <b>Outer Lens Color</b>              | Clear                                 |
| <b>Housing Material</b>              | Die-Cast Aluminum                     |
| <b>Housing Color</b>                 | Raw Aluminum                          |
| <b>Bezel Color</b>                   | Black                                 |
| <b>Mounting Hardware Description</b> | (x3) Ball & Socket                    |
| <b>Mounting Type</b>                 | Low Profile Mounts                    |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F                       |
| <b>Maximum Operating Temperature</b> | 65 °C / 149 °F                        |
| <b>Connector or Wiring</b>           | 6" Bare Leads                         |
| <b>Mating Connector</b>              | Deutsch 2-Pin                         |
| <b>Product Weight</b>                | 0.93 lbs / 0.42 kgs                   |
| <b>Shipping Weight</b>               | 1.16 lbs / 0.53 kgs                   |



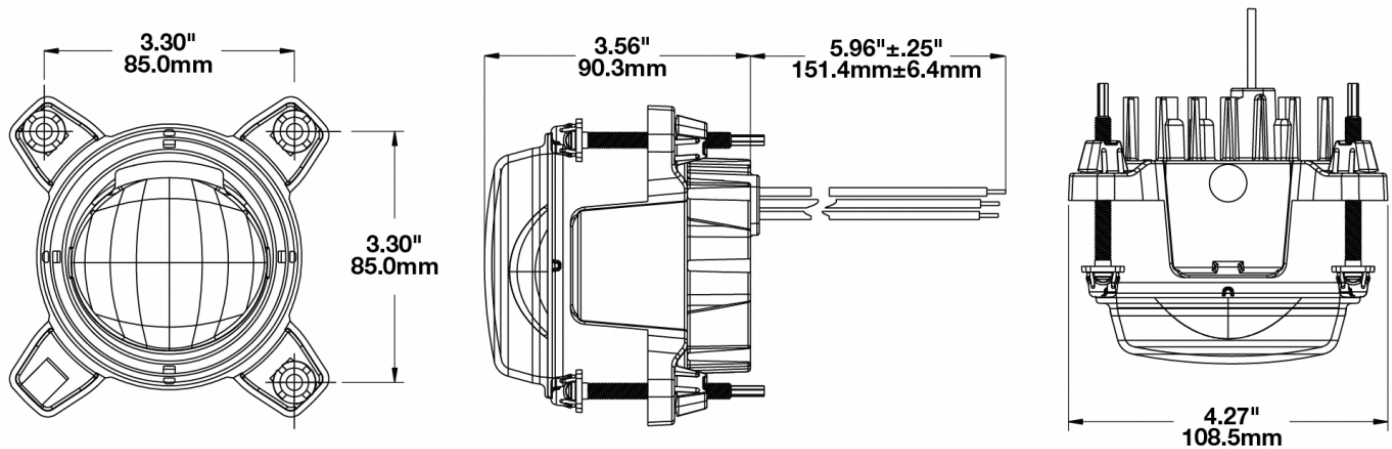
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 Engineered. Lighting. Solutions.

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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

|                          |                                  |
|--------------------------|----------------------------------|
| <b>Input Voltage</b>     | 12-24V DC                        |
| <b>Operating Voltage</b> | 10-31V DC                        |
| <b>Red Wire</b>          | Positive                         |
| <b>Black Wire</b>        | Negative                         |
| <b>Current Draw</b>      | 1.97A @ 12V DC<br>0.98A @ 24V DC |

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards  
Eco Friendly

ECE Reg 112  
IEC IP67

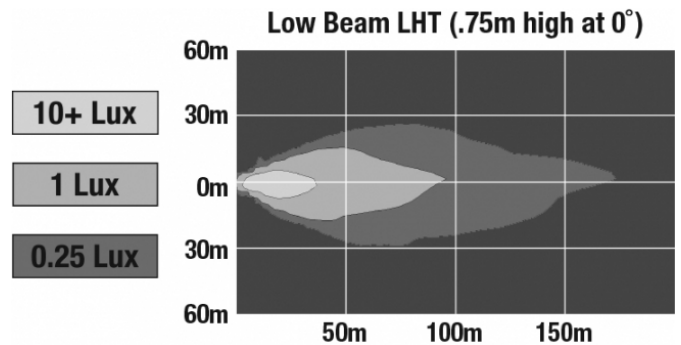
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## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 1,910                                       |
| <b>Effective Lumen Output</b>        | 575   |
| <b>Candela Output</b>                | 18,500                                      |
| <b>Nominal LED Color Temperature</b> | 5000 K                                      |
| <b>Beam Pattern(s)</b>               | Forward Lighting - Low Beam (ECE Left Hand) |



## APPLICATIONS



## ACCESSORIES



### **Part Number**

**8200111**

Model 90 Replacement  
Adjuster Kit

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## RELATED PRODUCTS

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**Part Number**  
**0547751**  
12-24V DOT/ECE LED  
High Beam Headlight



**Part Number**  
**0551211**  
12-24V DOT/ECE LED  
RHT Low Beam  
Headlight



**Part Number**  
**0551221**  
12-24V DOT/ECE Reg  
113 LED Symmetrical  
Low Beam Headlight



**Part Number**  
**0553053**  
12-24V DOT/ECE Reg  
113 LED Low Beam  
Headlight (for John  
Deere 6R, 7R & 8R  
Series) - 2 Light Kit