

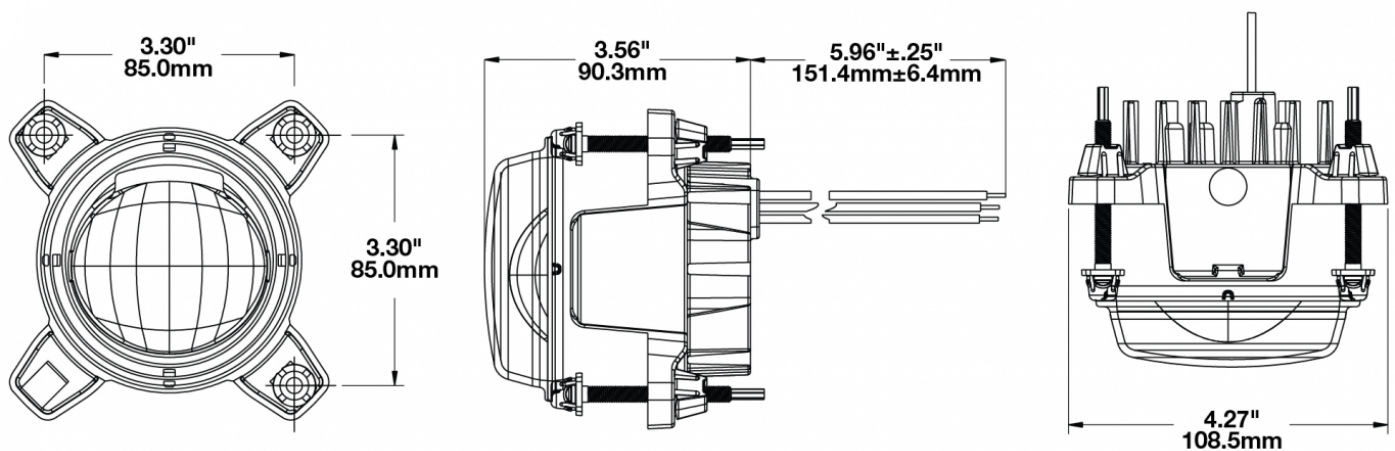
LED Headlights - Model 90

PRODUCT INFORMATION

| | |
|--------------------------------------|--|
| Description | 12-24V DOT/ECE LED High Beam Headlight |
| Height | 108.46 mm / 4.27 in |
| Width | 108.46 mm / 4.27 in |
| Depth | 90.42 mm / 3.56 in |
| Shape | Round |
| Outer Lens Material | Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Die-Cast Aluminum |
| Housing Color | Black |
| Mounting Hardware Description | (x3) Ball & Socket |
| Mounting Type | Low Profile Mount |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Connector or Wiring | 6" Bare Leads |
| Product Weight | 1.30 lbs / 0.59 kgs |
| Shipping Weight | 1.40 lbs / 0.64 kgs |



PRODUCT DIMENSIONS



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LED Headlights - Model 90

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Input Voltage | 12-24V DC |
| Operating Voltage | 10.5-38V DC |
| Transient Spike Protection | 150V Peak @ 1 HZ-100 Pulses |
| Red Wire | Positive |
| Black Wire | Negative |
| White 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) |

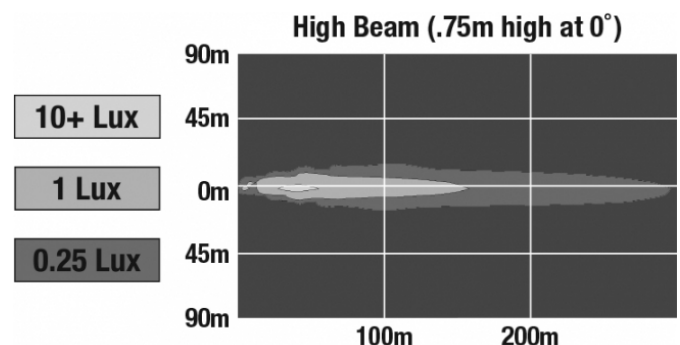
REGULATORY STANDARDS COMPLIANCE



| | |
|-----------------------|--------------|
| Buy America Standards | ECE Reg 112 |
| ECE Reg 7 | Eco Friendly |
| FMVSS 108 Table XVIII | IEC IP67 |

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 |



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APPLICATIONS



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.

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.

ACCESSORIES



Part Number

820011

Model 90 Replacement
Adjuster Kit

LED Headlights - Model 90

RELATED PRODUCTS



Part Number
0551201
12-24V ECE LED LHT
Low 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