

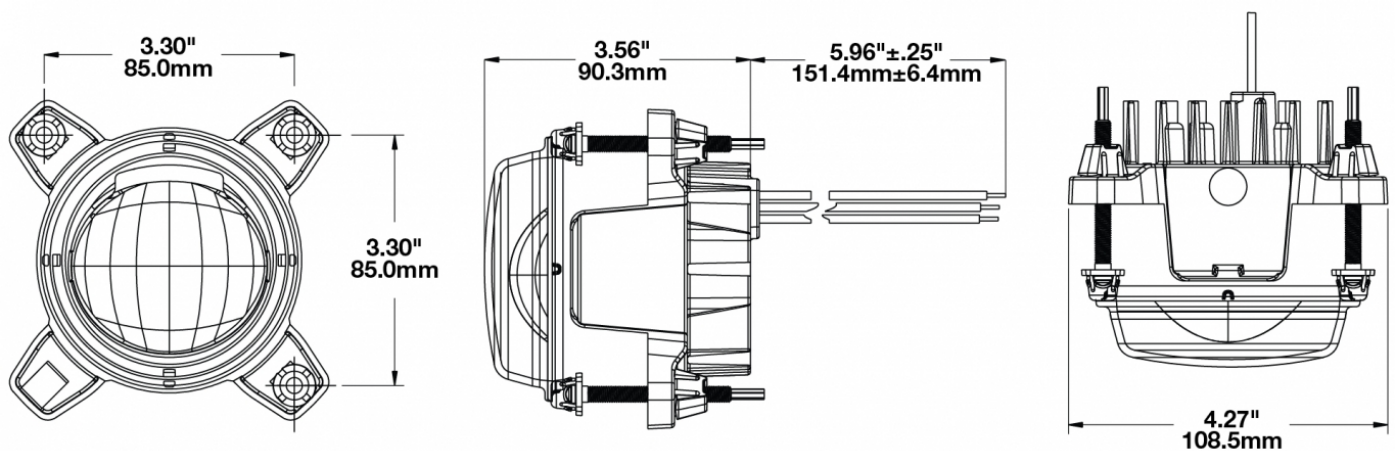
LED Headlights - Model 90

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 | 1.35 lbs / 0.61 kgs |



PRODUCT DIMENSIONS



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J.W. SPEAKER
 Engineered. Lighting. Solutions.

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

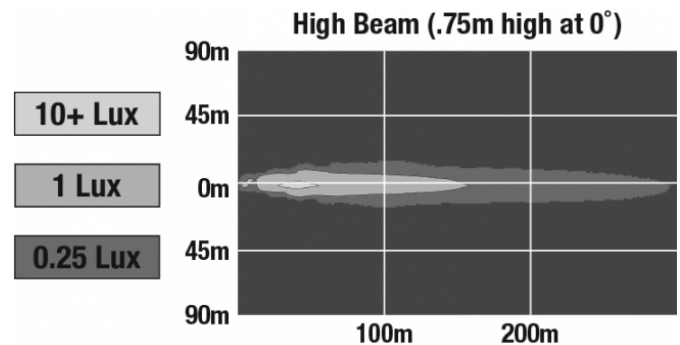


Buy America Standards
ECE Reg 7
FMVSS 108 Table XVIII

ECE Reg 112
Eco Friendly
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.

ACCESSORIES



Part Number

8200111

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 LED
Symmetrical Low Beam
Headlight



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