

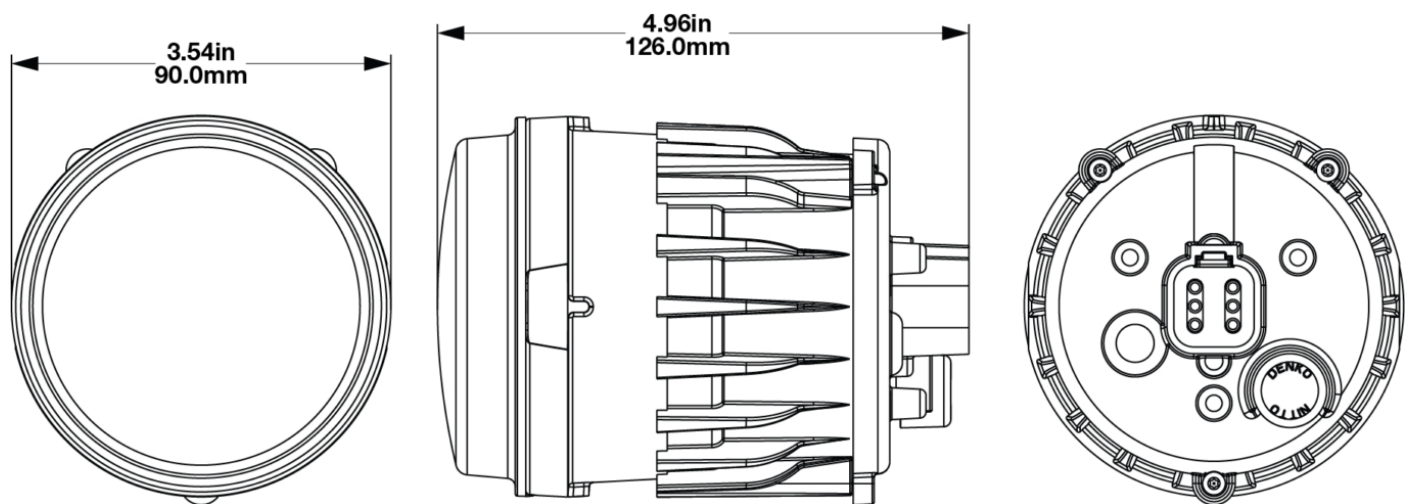
90mm LED Headlight - Model 93

PRODUCT INFORMATION

| | |
|--------------------------------------|---|
| Description | 12-24V ECE LED Symmetric 5-in-1 Headlight |
| Height | 90.00 mm / 3.54 in |
| Width | 90.00 mm / 3.54 in |
| Depth | 126.04 mm / 4.96 in |
| Shape | Round |
| Outer Lens Material | Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Aluminum |
| Housing Color | Black |
| Bezel Color | N/A |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Mating Connector | Deutsch DT06-6S |
| Product Weight | 1.18 lbs / 0.54 kgs |
| Shipping Weight | 1.34 lbs / 0.61 kgs |



PRODUCT DIMENSIONS



Print date: 2025-04-27

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J.W. SPEAKER®
Engineered. Lighting. Solutions.

90mm LED Headlight - Model 93

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Input Voltage | 12-24V DC |
| Operating Voltage | 9-30V DC |
| Transient Spike Protection | 150V Peak @ 1 HZ-100 Pulses |
| Yellow Wire | Low Beam |
| Red Wire | Front Position |
| Orange Wire | DI |
| Blue Wire | DRL |
| Black Wire | Ground |
| White Wire | High Beam |
| Current Draw | 1.13A @ 12V DC (Low Beam) 1.45A @ 12V DC (High Beam) 0.111A @ 12V DC (Front Position) 1.00A @ 12V DC (DRL) 1.00A @ 12V DC (DI) 0.575A @ 24V DC (Low Beam) 0.737A @ 24V DC (High Beam) 0.070A @ 24V DC (Front Position) 0.511A @ 24V DC (DRL) 0.472A @ 24V DC (DI) |

REGULATORY STANDARDS COMPLIANCE



| | |
|-----------------------|---------------------|
| Buy America Standards | ECE Reg 10 |
| ECE Reg 148 - 1b | ECE Reg 148 - A |
| ECE Reg 148 - RL | ECE Reg 149 - WC-DS |
| ECE Reg 149 - WR-DS | Eco Friendly |
| IEC IP67 | IEC IP69K |

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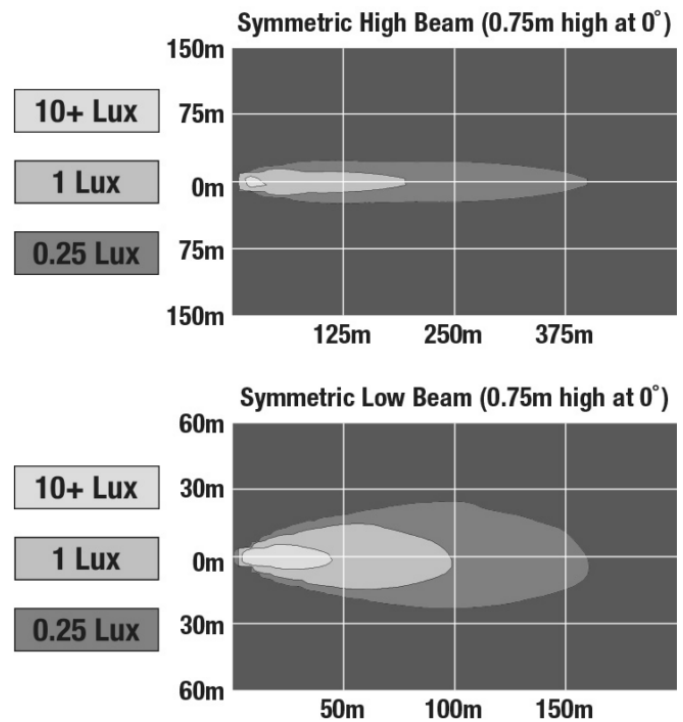
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PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|---|
| Raw Lumen Output | 2650(High Beam), 1750 (Low Beam) |
| Effective Lumen Output | 750(High Beam), 610(Low Beam) |
| Candela Output | 44,000(High Beam), 23,000(Low Beam) |
| Nominal LED Color Temperature | 5665 K |
| Beam Pattern(s) | Forward Lighting - Daytime Running Light Forward Lighting - High Beam (ECE) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position Signalization - Turn (Front) |



APPLICATIONS



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ADDITIONAL INFORMATION

3-point Mount for 1.5mm Mounting Frame is applicable for

- PN 0554381
- PN 0553071
- PN 0553091
- PN 0553101
- PN 0553081
- PN 0556701
- PN 0347941

3-point Mount for 3mm Mounting Frame is applicable for

- • All Model 93 Lighting Options

LAMP IS NOT SUPPLIED WITH A HARNES

PRODUCT WARNINGS

For California residents:

⚠ **WARNING:** Cancer and reproductive harm - www.P65Warnings.ca.gov.

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.

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ACCESSORIES



Part Number
3271981
5 Function Wire
Assembly for Model 93



Part Number
3272001
SAE/DOT Motorcycle
Wire Assembly without
DI/DRL for Model 93



Part Number
3272011
ECE Motorcycle Wire
Assembly without DI
for Model 93



Part Number
8001461
90mm Light 3-Point
Mount for 1.5mm
Mounting Frame



Part Number
8001471
90mm Light 3-Point
Mount for 3mm
Mounting Frame



Part Number
8001601
Pedestal Mounting
Bracket for Model 93
Single Lamp



Part Number
8001621
Pedestal Mounting
Bracket for Model 93
Double Lamp



Part Number
8201021
90mm 3-Point Lock
Mount for 3mm
Mounting Frame

90mm LED Headlight - Model 93

RELATED PRODUCTS



Part Number
0347941

12-24V SAE/ECE LED
Turn Signal with DRL
Function



Part Number
0530091

12-24V DOT/ECE RHT
LED High & Low Beam
Headlight with Front
Position



Part Number
0530101

12-24V ECE LHT LED
High & Low Beam
Headlight with Front
Position



Part Number
0553071

12-24V DOT/ECE LED
High Beam Headlight



Part Number
0553081

12-24V DOT/ECE
Symmetric LED Low
Beam Headlight



Part Number
0553091

12-24V ECE LHT LED
Low Beam Headlight



Part Number
0553101

12-24V DOT/ECE RHT
LED Low Beam
Headlight



Part Number
0554381

12-24V DOT/ECE LED
High Beam Headlight
with Front Position