

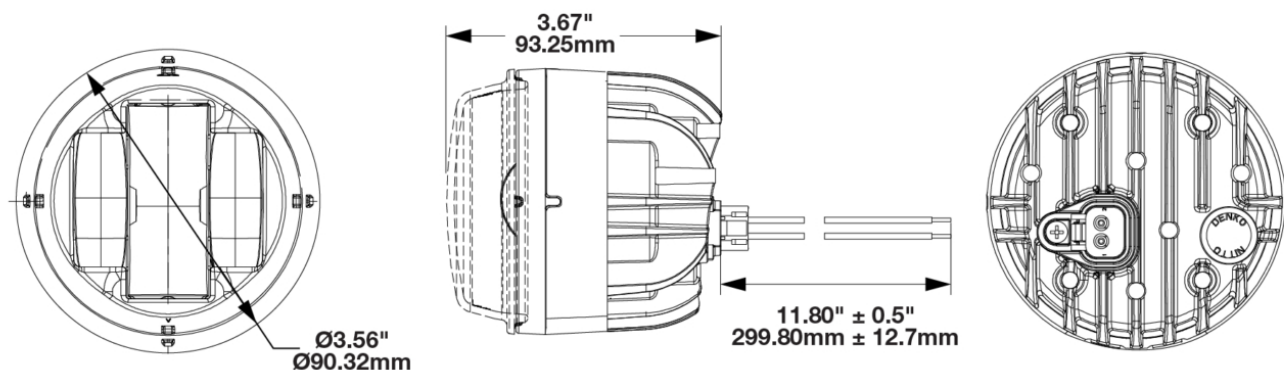
90mm LED Headlight - Model 93

PRODUCT INFORMATION

| | |
|--------------------------------------|---|
| Description | 12-24V DOT/ECE Symmetric LED Low Beam Headlight |
| Height | 90.00 mm / 3.54 in |
| Width | 90.00 mm / 3.54 in |
| Depth | 95.00 mm / 3.74 in |
| Shape | Round |
| Outer Lens Material | Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Die-Cast Aluminum |
| Housing Color | Black |
| Bezel Color | Black |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Connector or Wiring | Deutsch DT04-2P |
| Mating Connector | Deutsch DT06-2S |
| Product Weight | 1.19 lbs / 0.54 kgs |
| Shipping Weight | 1.37 lbs / 0.62 kgs |



PRODUCT DIMENSIONS



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J.W. SPEAKER
 Engineered. Lighting. Solutions.

90mm LED Headlight - Model 93

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------------------|--|
| Input Voltage | 12-24V DC |
| Operating Voltage | 10-31V DC |
| Transient Spike Protection | 150V Peak @ 1 HZ-100 Pulses |
| Red Wire | Positive |
| Black Wire | Negative |
| Current Draw | 1.97A @ 12V DC (Low Beam) 0.98A @ 24V DC (Low Beam) |

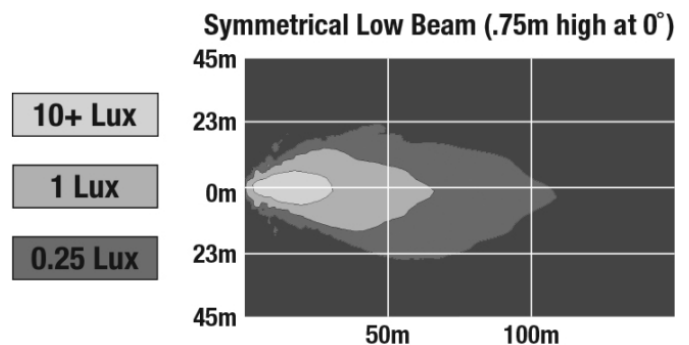
REGULATORY STANDARDS COMPLIANCE



| | |
|-----------------------------|--------------|
| Buy America Standards | ECE Reg 10 |
| ECE Reg 113 | Eco Friendly |
| FMVSS 108 s10.1 (Table XIX) | IEC IP69K |

PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|---|
| Raw Lumen Output | 1,910 |
| Effective Lumen Output | 575 |
| Candela Output | 18,000 |
| Nominal LED Color Temperature | 5000 K |
| Beam Pattern(s) | Forward Lighting - Driving Forward Lighting - Low Beam (DOT) |



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APPLICATIONS



ADDITIONAL INFORMATION

This is a single light, including (1) lamp and mounting hardware.

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.

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

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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90mm LED Headlight - Model 93

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
0553071
12-24V DOT/ECE LED
High 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



Part Number
0556701
12-24V SAE/ECE LED
Fog Light



Part Number
0560371
12-24V DOT/ECE RHT
LED 5-in-1 Headlight



Part Number
0560381
12-24V ECE LHT LED
5-in-1 Headlight