

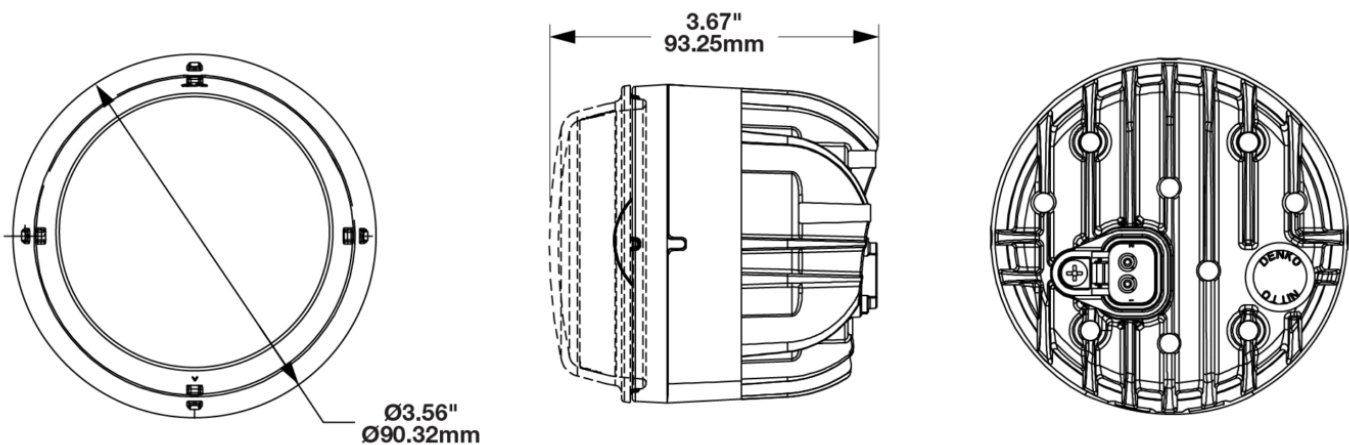
# 90mm LED Headlight - Model 93

## PRODUCT INFORMATION

<b>Description</b>	12-24V SAE/ECE LED Turn Signal with DRL Function
<b>Height</b>	125.00 mm / 4.92 in
<b>Width</b>	90.00 mm / 3.54 in
<b>Depth</b>	95.00 mm / 3.74 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>	Black
<b>Bezel Color</b>	Clear
<b>Mounting Type</b>	Pedestal
<b>Minimum Operating Temperature</b>	-40 °C / -40 °F
<b>Maximum Operating Temperature</b>	65 °C / 149 °F
<b>Connector or Wiring</b>	Deutsch DT04-4P
<b>Mating Connector</b>	Deutsch DT06-4S
<b>Product Weight</b>	1.00 lbs / 0.45 kgs
<b>Shipping Weight</b>	1.20 lbs / 0.54 kgs



## PRODUCT DIMENSIONS



Print date: 2026-05-26

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
 www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

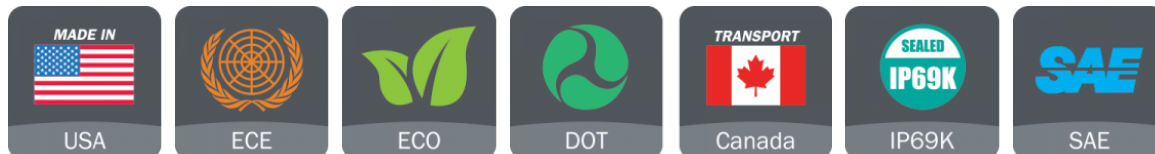
**J.W. SPEAKER**  
 Engineered. Lighting. Solutions.

# 90mm LED Headlight - Model 93

## ELECTRICAL SPECIFICATIONS

<b>Input Voltage</b>	12-24V DC
<b>Operating Voltage</b>	10-30V DC
<b>Transient Spike Protection</b>	150V Peak @ 1 HZ-100 Pul
<b>Black Wire</b>	Ground
<b>Yellow Wire</b>	Front Turn
<b>Red Wire</b>	DRL
<b>White Wire</b>	Front Position
<b>Current Draw</b>	1.18A @ 12V DC (Front Turn) 0.45A @ 24V DC (Front Turn) 0.60A @ 12V DC (DRL) 0.35A @ 24V DC (DRL) 0.06A @ 12V DC (Front Position) 0.04A @ 24V DC (Front Position)

## REGULATORY STANDARDS COMPLIANCE



Buy America Standards	ECE Reg 6
ECE Reg 7	ECE Reg 87
Eco Friendly	FMVSS 108 s7.1 (Table VI)
IEC IP69K	SAE J2087
SAE J588	

## PHOTOMETRIC SPECIFICATIONS

<b>Nominal LED Color Temperature</b>	5000 K
<b>Beam Pattern(s)</b>	Forward Lighting - Daytime Running Light Signalization - Front Position Signalization - Turn (Front)

Print date: 2026-05-26

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

# 90mm LED Headlight - Model 93

## APPLICATIONS

---



## 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

## PRODUCT WARNINGS

---

For California residents:

**⚠ WARNING:** Cancer and reproductive harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**⚠ AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

---

**Print date: 2026-05-26**

© 2026 J.W. Speaker Corporation • Germantown, WI U.S.A.  
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

**J.W. SPEAKER**  
*Engineered. Lighting. Solutions.*

# 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**  
**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**  
**0530321**  
12-24V SAE/ECE LED  
High & Low Beam with  
Front Position and DRL  
Function



**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