PRODUCT INFORMATION

Description: 12-24V DOT/ECE LED High 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: 1.00 lbs / 0.45 kgs
Shipping Weight: 1.20 lbs / 0.54 kgs

PRODUCT DIMENSIONS

Print date: 2020-08-27
© 2020 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660
90mm LED Lights - 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**
  - 0.80A @ 12V DC (High Beam)
  - 0.40A @ 24V DC (High Beam)

**REGULATORY STANDARDS COMPLIANCE**

- **Buy America Standards**
- **Eco Friendly**
- **IEC IP69K**

**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)
90mm LED Lights - Model 93

APPLICATIONS

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).

ACCESSORIES

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8001211</td>
<td>Motorcycle Bar Mount Kit with Wiring Harness, Large</td>
</tr>
<tr>
<td>8001221</td>
<td>Motorcycle Bar Mount Kit with Wiring Harness, Small</td>
</tr>
<tr>
<td>8001461</td>
<td>90mm Light 3-Point Mount for 1.5mm Mounting Frame</td>
</tr>
<tr>
<td>8001471</td>
<td>90mm Light 3-Point Mount for 3mm Mounting Frame</td>
</tr>
<tr>
<td>8001601</td>
<td>Pedestal Mounting Bracket for Model 93 Single Lamp</td>
</tr>
<tr>
<td>8001621</td>
<td>Pedestal Mounting Bracket for Model 93 Double Lamp</td>
</tr>
<tr>
<td>0700001</td>
<td>Motorcycle Bar Mount Kit, 20-24mm</td>
</tr>
<tr>
<td>0700011</td>
<td>Motorcycle Bar Mount Kit, 25-29mm</td>
</tr>
</tbody>
</table>
90mm LED Lights - Model 93

RELATED PRODUCTS

- **Part Number 0347941**
  12-24V SAE/ECE LED Turn Signal with DRL Function

- **Part Number 0553081**
  12-24V DOT/ECE Reg 113 LED Symmetrical Low Beam Headlight

- **Part Number 0553091**
  12-24V DOT/ECE Reg 112 LHT LED Low Beam Headlight

- **Part Number 0553101**
  12-24V DOT/ECE Reg 112 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