90mm LED Lights - Model 93

PRODUCT INFORMATION

Description 12-24V DOT/ECE Reg 113 LED Symmetrical 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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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 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.

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).
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ACCESSORIES

- **Part Number 8001211**
  Motorcycle Bar Mount Kit with Wiring Harness, Large

- **Part Number 8001221**
  Motorcycle Bar Mount Kit with Wiring Harness, Small

- **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 0700001**
  Motorcycle Bar Mount Kit, 20-24mm

- **Part Number 0700011**
  Motorcycle Bar Mount Kit, 25-29mm
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RELATED PRODUCTS

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<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>0347941</td>
<td>12-24V SAE/ECE LED Turn Signal with DRL Function</td>
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<tr>
<td>0553071</td>
<td>12-24V DOT/ECE LED High Beam Headlight</td>
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<tr>
<td>0553091</td>
<td>12-24V DOT/ECE Reg 112 LHT LED Low Beam Headlight</td>
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<tr>
<td>0553101</td>
<td>12-24V DOT/ECE Reg 112 RHT LED Low Beam Headlight</td>
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<tr>
<td>0554381</td>
<td>12-24V DOT/ECE LED High Beam Headlight with Front Position</td>
</tr>
<tr>
<td>0556701</td>
<td>12-24V SAE/ECE LED Fog Light</td>
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