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 $-40 \, ^{\circ}\text{C} \, / \, -40 \, ^{\circ}\text{F}$

Temperature

Maximum Operating 65 °C / 149 °F

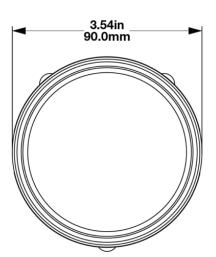
Temperature

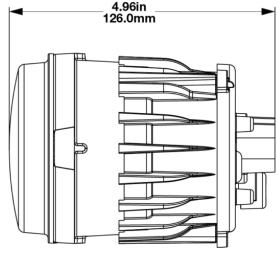
Mating ConnectorDeutsch DT06-6SProduct Weight1.18 lbs / 0.54 kgsShipping Weight1.34 lbs / 0.61 kgs

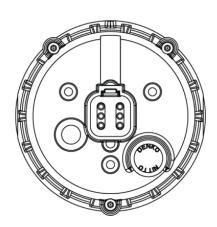




PRODUCT DIMENSIONS







Print date: 2025-11-19

Engineered. Lighting. Solutions.

90mm LED Headlight - Model 93

ELECTRICAL SPECIFICATIONS

Input Voltage 12-24V DC 9-30V DC **Operating Voltage**

150V Peak @ 1 HZ-100 Pulses **Transient Spike Protection**

Yellow Wire Low Beam **Red Wire** Front Position

Orange Wire DΙ **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

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output 2650(High Beam), 1750 (Low

Beam)

Effective Lumen 750(High Beam), 610(Low Beam)

Output

Candela Output 44,000(High Beam), 23,000(Low

Beam) 5665 K

Nominal LED Color

Temperature

Beam Pattern(s) Forward Lighting - Daytime

Running Light

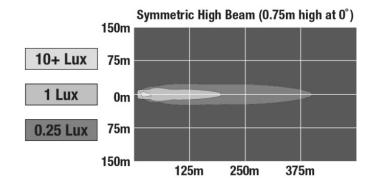
Forward Lighting - High Beam

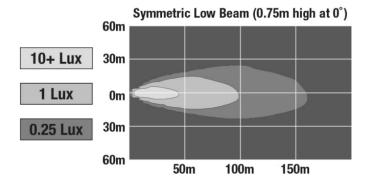
(ECE)

Forward Lighting - Low Beam

(DOT/ECE)

Signalization - Front Position Signalization - Turn (Front)





APPLICATIONS

























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.



ACCESSORIES



Part Number 3271981 5 Function Wire Assembly for Model 93



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



Part Number 3272011 ECE Motorcycle Wire 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

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 0530321 12-24V SAE/ECE LED Symmetric 5-in-1 Headlight



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