Motorcycle LED Headlights - Model 8691

PRODUCT INFORMATION

Description: 12V DOT/ECE LED High & Low Beam Headlight with Black Inner Bezel

Height: 143.00 mm / 5.63 in
Width: 143.00 mm / 5.63 in
Depth: 82.50 mm / 3.25 in
Shape: Round
Outer Lens Material: Polycarbonate
Outer Lens Color: Clear
Housing Material: Aluminum
Housing Color: Black
Mounting Hardware Description: 450
Retrofits: Pedestal 5 3/4" Round Headlights (PAR46)

Minimum Operating Temperature: -40 °C / -40 °F
Maximum Operating Temperature: 65 °C / 149 °F
Product Weight: 2.05 lbs / 0.93 kgs
Shipping Weight: 2.92 lbs / 1.32 kgs

PRODUCT DIMENSIONS

[Diagrams showing dimensions]
Motorcycle LED Headlights - Model 8691

ELECTRICAL SPECIFICATIONS

Input Voltage 12V DC
Operating Voltage 9-16V DC
Transient Spike Protection 150V Peak @ 1 HZ-100 Pul
Black Wire Ground
White Wire High Beam
Yellow Wire Low Beam
Red Wire Front Position
Current Draw 1.9A @ 12V DC (Low Beam)
3.2A @ 12V DC (High Beam)
.21A @ 12V DC (Front Position)

REGULATORY STANDARDS COMPLIANCE

Buy America Standards
ECE Reg 50
FMVSS 108 s10.1 (Table XX)
ECE Reg 113 Class D
Eco Friendly
IEC IP67

Print date: 2020-01-17
© 2020 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660
Motorcycle LED Headlights - Model 8691

PHOTOMETRIC SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raw Lumen Output</td>
<td>3,520 (High Beam); 2,120 (Low Beam)</td>
</tr>
<tr>
<td>Effective Lumen Output</td>
<td>1,600 (High Beam); 1020 (Low Beam)</td>
</tr>
<tr>
<td>Candela Output</td>
<td>60,000 (High Beam); 8,300 (Low Beam)</td>
</tr>
<tr>
<td>Nominal LED Color Temperature</td>
<td>5000 K</td>
</tr>
<tr>
<td>Beam Pattern(s)</td>
<td>Forward Lighting - High Beam (DOT/ECE)</td>
</tr>
<tr>
<td></td>
<td>Signalization - Front Position</td>
</tr>
</tbody>
</table>

APPLICATIONS

INSTALLATION & APPLICATION INFORMATION

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.
Motorcycle LED Headlights - Model 8691

ADDITIONAL INFORMATION

Note about Front Position: The front position light is a requirement outside the United States. If your bike is operated in the United States you do NOT need to connect this wire (red) unless your bike is equipped with a front position light.

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).

RELATED PRODUCTS

Part Number 0552021
12V DOT/ECE LED High & Low Beam Headlight with Chrome Inner Bezel