

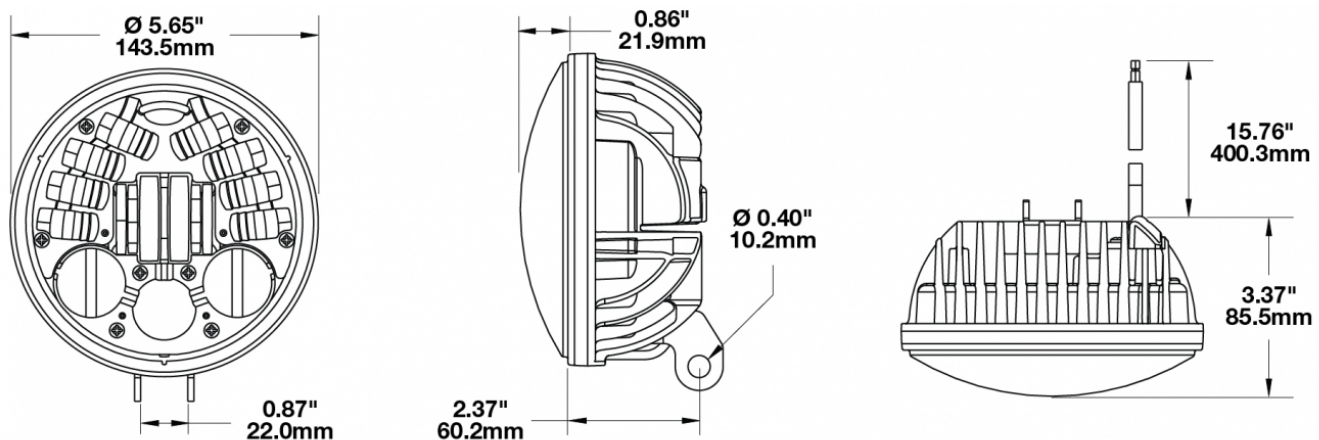
Motorcycle LED Headlights - Model 8691

PRODUCT INFORMATION

Description	12V DOT/ECE LED High & Low Beam Headlight with Chrome 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	2.00 lbs / 0.91 kgs



PRODUCT DIMENSIONS



Print date: 2017-06-25

© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER 
 Engineered. Lighting. Solutions.

Motorcycle LED Headlights - Model 8691

ELECTRICAL SPECIFICATIONS

Input Voltage	12 V
Operating Voltage	9-16 V
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 (Low Beam) 3.2A @ 12V (High Beam) .21A @ 12V (Front Position)

REGULATORY STANDARDS COMPLIANCE



Buy America Standards
ECE Reg 50
FMVSS 108 Table XX

ECE Reg 113 Class D
Eco Friendly
IEC IP67

Print date: 2017-06-25

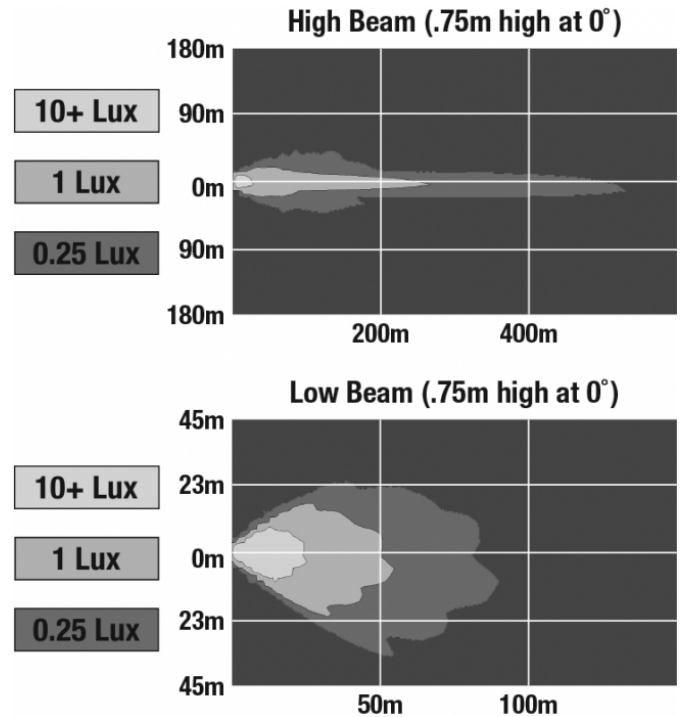
© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER®
Engineered. Lighting. Solutions.

Motorcycle LED Headlights - Model 8691

PHOTOMETRIC SPECIFICATIONS

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



APPLICATIONS



ADDITIONAL 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.

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.

Print date: 2017-06-25

© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER
Engineered. Lighting. Solutions.

Motorcycle LED Headlights - Model 8691

RELATED PRODUCTS



Part Number
0552011

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

Print date: 2017-06-25

© 2017 J.W. Speaker Corporation • Germantown, WI U.S.A.
www.jwspeaker.com • speaker@jwspeaker.com • 262.251.6660

J.W. SPEAKER®
Engineered. Lighting. Solutions.