

# Adaptive LED Headlights – Model 8691 Adaptive 2

## PRODUCT INFORMATION

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|                                      |   |
|--------------------------------------|---|
| <b>Description</b>                   | 12V DOT/ECE LED High and Low Beam Adaptive Headlight with Black Inner Bezel |
| <b>Height</b>                        | 143.00 mm / 5.63 in   |
| <b>Width</b>                         | 143.00 mm / 5.63 in   |
| <b>Depth</b>                         | 82.50 mm / 3.25 in  |
| <b>Shape</b>                         | Round   |
| <b>Outer Lens Material</b>           | Polycarbonate   |
| <b>Outer Lens Color</b>              | Clear   |
| <b>Housing Material</b>              | Aluminum  |
| <b>Housing Color</b>                 | Grey  |
| <b>Bezel Color</b>                   | Black   |
| <b>Retrofits</b>                     | Pedestal 5 3/4" Round Headlights (PAR46)                                    |
| <b>Minimum Operating Temperature</b> | -40 °C / -40 °F   |
| <b>Maximum Operating Temperature</b> | 65 °C / 149 °F  |
| <b>Connector or Wiring</b>           | Bare Leads  |
| <b>Product Weight</b>                | 3.08 lbs / 1.4 kgs  |
| <b>Shipping Weight</b>               | 2.99 lbs / 1.36 kgs   |



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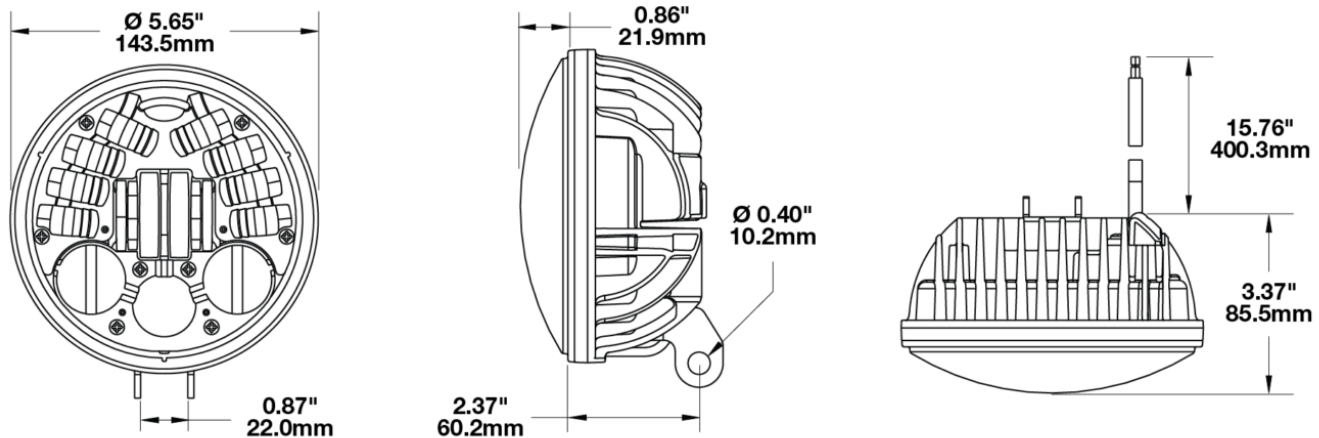
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## PRODUCT DIMENSIONS



## ELECTRICAL SPECIFICATIONS

|                                   |   |
|-----------------------------------|---|
| <b>Input Voltage</b>              | 12V DC  |
| <b>Operating Voltage</b>          | 9-16V DC  |
| <b>Transient Spike Protection</b> | 150V Peak @ 1 HZ-100 Pulses   |
| <b>Black Wire</b>                 | Ground  |
| <b>White Wire</b>                 | High Beam   |
| <b>Yellow Wire</b>                | Low Beam  |
| <b>Red Wire</b>                   | Front Position  |
| <b>Current Draw</b>               | 1.9A @ 12V DC (Low Beam)<br>3.2A @ 12V DC (High Beam)<br>0.21A @ 12V DC (Front Position)<br>4.2A @ 12V DC (Low Beam at Full Lean)<br>5.5A @ 12V DC (High Beam at Full Lean) |

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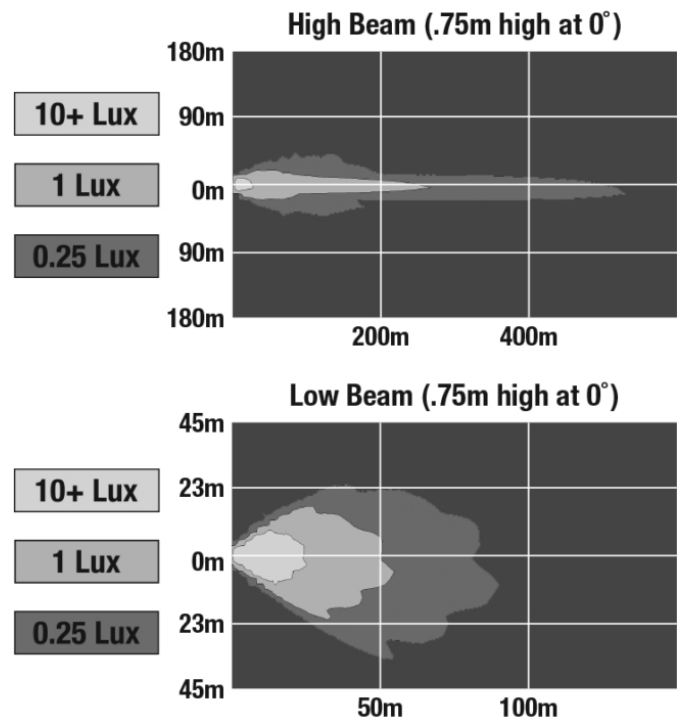
## REGULATORY STANDARDS COMPLIANCE



|  |              |
|--|--------------|
| Buy America Standards                              | ECE Reg 113  |
| ECE Reg 50   | Eco Friendly |
| FMVSS 108 s10.1 (Table XX)                         | IEC IP67     |
| Tested to ECE Reg. 10<br>(Radiated Emissions only) |              |

## PHOTOMETRIC SPECIFICATIONS

|                                      |   |
|--------------------------------------|---|
| <b>Raw Lumen Output</b>              | 3,520 (High Beam); 2,120 (Low Beam)   |
| <b>Effective Lumen Output</b>        | 1,600 (High Beam); 1,050 (Low Beam)   |
| <b>Candela Output</b>                | 60,000 (High Beam); 8,300 (Low Beam)  |
| <b>Nominal LED Color Temperature</b> | 5000 K  |
| <b>Beam Pattern(s)</b>               | Forward Lighting - High Beam (DOT/ECE)<br>Forward Lighting - Low Beam (DOT/ECE)<br>Signalization - Front Position |



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## APPLICATIONS

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## ADDITIONAL INFORMATION

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### Improvements over the original Adaptive Series

The NEW Adaptive 2 Series headlights have been improved to feature Adaptive technology when using the high beam, in addition to the low beam. Providing ditch-to-ditch lighting to eliminate dark corners on sharp turns and a punch of light 1,500 feet down the road to give you a safer and more confident ride.

### Red Wire

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

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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

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### Part Number

**0555121**

12V DOT/ECE LED  
High and Low Beam  
Adaptive Headlight  
with Chrome Inner  
Bezel

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