

5.75" LED Motorcycle Headlights - Model 8690 Adaptive 2

PRODUCT INFORMATION

| | |
|--------------------------------------|---|
| Description | 12V DOT/ECE LED High and Low Beam Adaptive 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 | Grey |
| Bezel Color | Black |
| Retrofits | Bucket 5 3/4" Round Headlights (PAR46) |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Connector or Wiring | H4 |
| Mating Connector | H4, AMP#172615-2 |
| Product Weight | 2.56 lbs / 1.16 kgs |
| Shipping Weight | 2.56 lbs / 1.16 kgs |



8690
ADAPTIVE 2

Print date: 2026-02-03

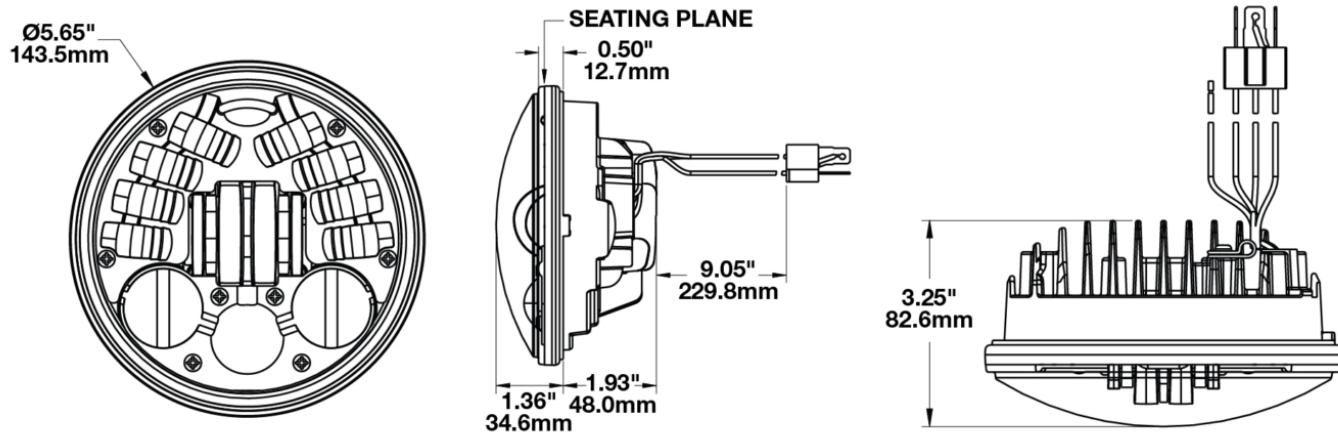
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Adaptive 2

PRODUCT DIMENSIONS



ELECTRICAL SPECIFICATIONS

| | |
|-----------------------------------|---|
| Input Voltage | 12V DC |
| Operating Voltage | 9-16V DC |
| Transient Spike Protection | 150V Peak @ 1 HZ-100 Pulses |
| 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) 0.21A @ 12V DC (Front Position) 4.2A @ 12V DC (Low Beam at Full Lean) 5.5A @ 12V DC (High Beam at Full Lean) |

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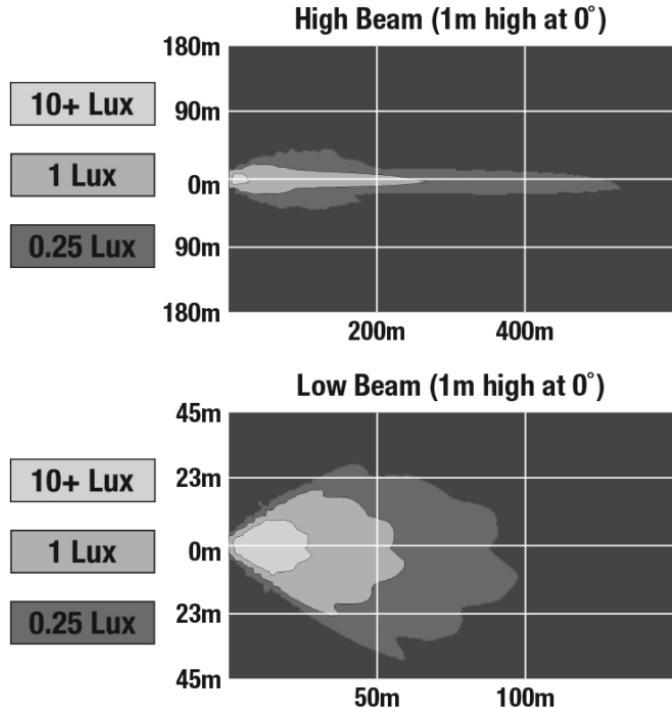
REGULATORY STANDARDS COMPLIANCE



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

PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|---|
| Raw Lumen Output | 3,520 (High Beam); 2,120 (Low Beam) |
| Effective Lumen Output | 1,600 (High Beam); 1,050 (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) Forward Lighting - Low Beam (DOT/ECE) Signalization - Front Position |

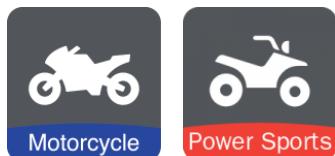


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APPLICATIONS



ADDITIONAL INFORMATION

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

For California residents:

⚠ **WARNING:** Cancer and reproductive harm - www.P65Warnings.ca.gov.

⚠ **AVERTISSEMENT:** Cancer et effet nocif sur la reproduction - www.P65Warnings.ca.gov.

RELATED PRODUCTS



Part Number

0555101

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

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