

Adaptive LED Headlights – Model 8790 Adaptive 2

PRODUCT INFORMATION

| | |
|--------------------------------------|---|
| Description | 12V DOT/ECE LED High & Low Beam Adaptive Headlight with Black Inner Bezel |
| Height | 177.20 mm / 6.98 in |
| Width | 177.20 mm / 6.98 in |
| Depth | 93.68 mm / 3.69 in |
| Shape | Round |
| Outer Lens Material | Polycarbonate |
| Outer Lens Color | Clear |
| Housing Material | Aluminum |
| Housing Color | Grey |
| Bezel Color | Black |
| Retrofits | Bucket 7" Round Headlights (PAR56) |
| Minimum Operating Temperature | -40 °C / -40 °F |
| Maximum Operating Temperature | 65 °C / 149 °F |
| Connector or Wiring | H4 |
| Mating Connector | H4 AMP# 172615-2 |
| Shipping Weight | 3.25 lbs / 1.47 kgs |



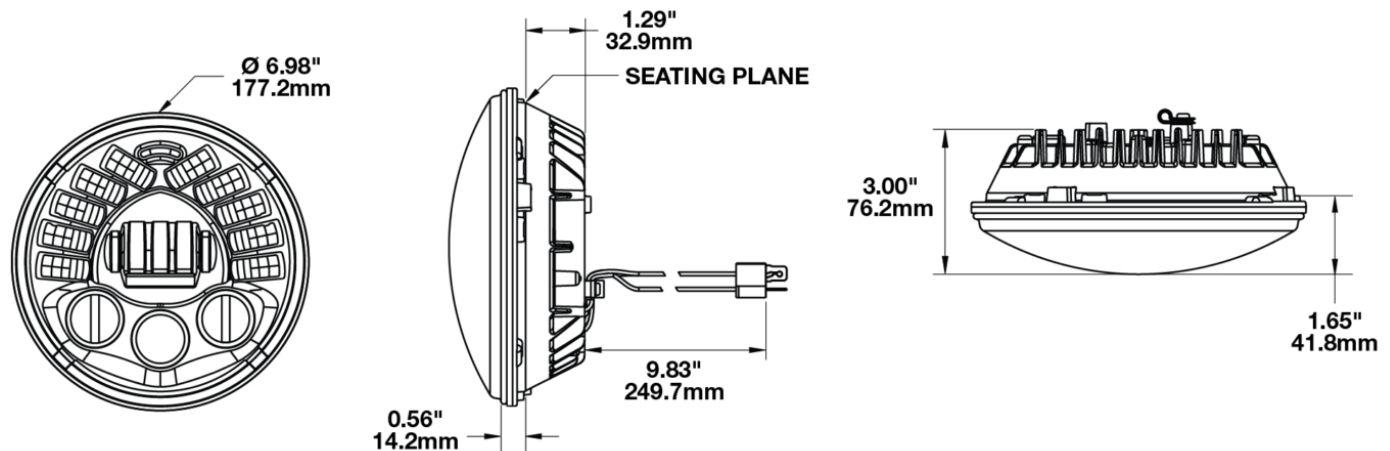
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PRODUCT DIMENSIONS



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 | 2.9A @ 13.5V DC (High Beam) 1.9A @ 13.5V DC (Low Beam) 0.092A @ 13.5V DC (Front Position) 3.5A @ 13.5V DC (Low Beam at Full Lean) 4.5A @ 13.5V DC (High Beam at Full Lean) |

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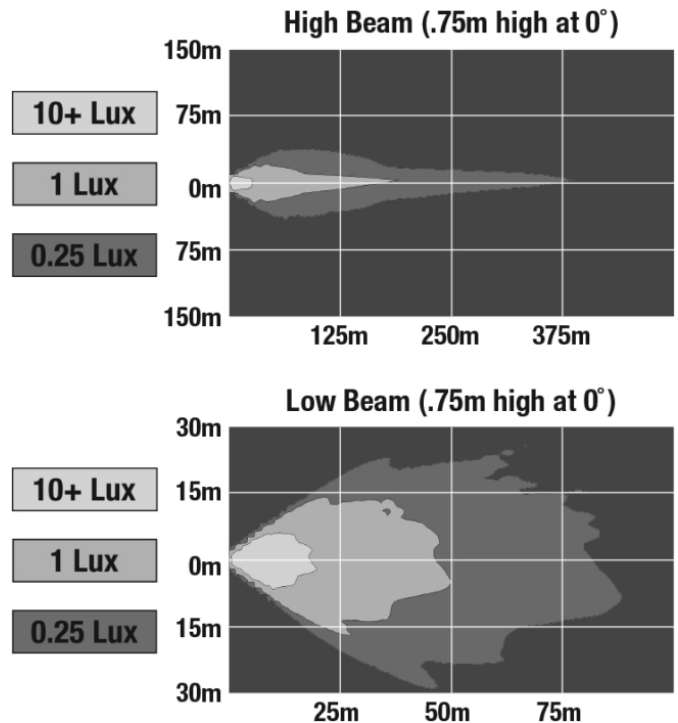
REGULATORY STANDARDS COMPLIANCE



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

PHOTOMETRIC SPECIFICATIONS

| | |
|--------------------------------------|---|
| Raw Lumen Output | 2,250 (High Beam), 2,025 (Low Beam) |
| Effective Lumen Output | 1,150 (High Beam), 850 (Low Beam) |
| Candela Output | 48,000 (High Beam), 1,150 (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.

ACCESSORIES



Part Number
3156351

Mounting Ring Kit for
7" Round (PAR56)
Headlights



Part Number
8200411

Wire Harness H4 for 7"
Round (PAR56)
Headlights

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RELATED PRODUCTS



Part Number
0555031

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



Part Number
0555051

12V DOT/ECE LED High & Low Beam Adaptive Headlight with Black Inner Bezel and Mounting Ring



Part Number
0555061

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