PART NUMBER 0561031

# LED Headlight - Model 8770 Locomotive

## PRODUCT INFORMATION

| | |
|---|---|
| **Description** | 24-110V LED Locomotive Headlight with Warm White Spot Beam Pattern & Heated Lens |
| **Height** | 176.50 mm / 6.95 in |
| **Width** | 176.50 mm / 6.95 in |
| **Depth** | 101.00 mm / 3.98 in |
| **Shape** | Round |
| **Outer Lens Material** | Polycarbonate |
| **Outer Lens Color** | Clear |
| **Housing Material** | Aluminum |
| **Housing Color** | Gray |
| **Bezel Color** | Black |
| **Mounting Type** | Panel |
| **Retrofits** | 2D1 "PAR56" OR 7" Round Headlights |
| **Minimum Operating Temperature** | -40 °C / -40 °F |
| **Maximum Operating Temperature** | 65 °C / 149 °F |
| **Connector or Wiring** | Standard Sealed Beam Style Screw Terminals |
| **Product Weight** | 2.60 lbs / 1.18 kgs |
| **Shipping Weight** | 3.06 lbs / 1.39 kgs |
| **Additional Information** | EN 55011: 2007<br>IEC 61000-4-5: 2014<br>EN 61000-4-3<br>EN 61000-4-4: 2012<br>EN 50155_2007<br>Additional Transient: 1500V chassis to ground short protection |



MODEL 8770

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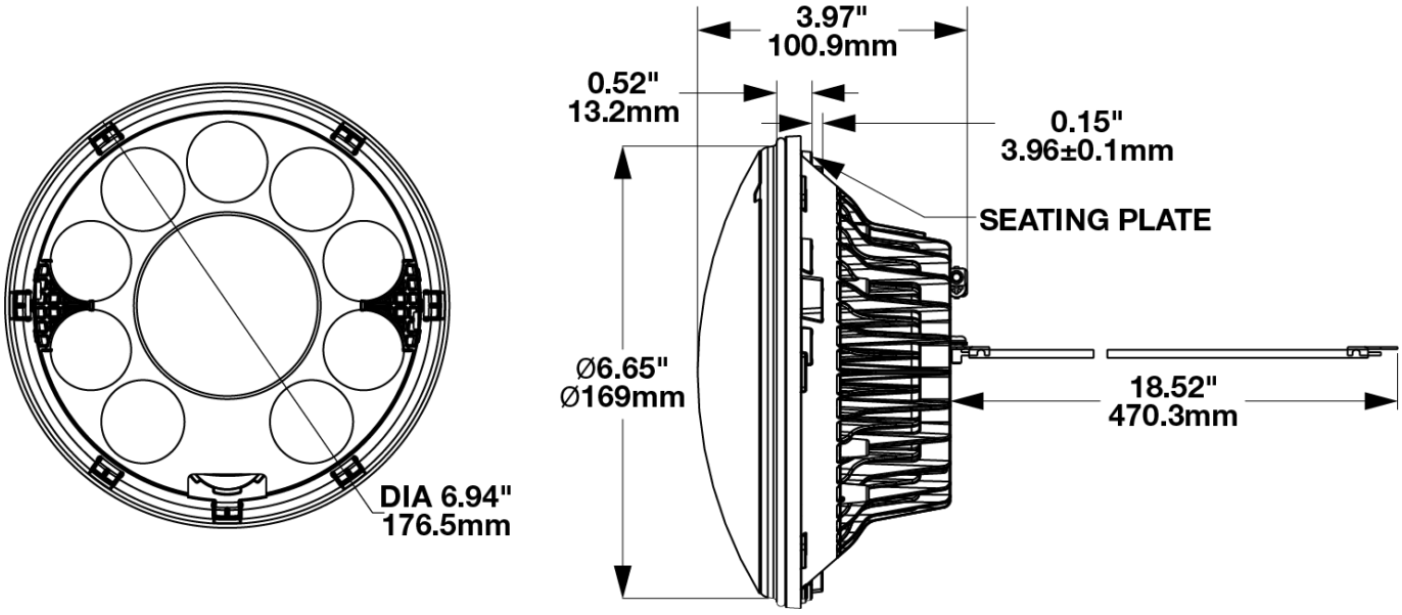
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# LED Headlight - Model 8770 Locomotive

## PRODUCT DIMENSIONS




## ELECTRICAL SPECIFICATIONS

| | |
|---|---|
| **Input Voltage** | 24-110V DC |
| **Operating Voltage** | 18-130V DC |
| **Transient Spike Protection** | 330V Peak @ 1 HZ-100 Pulses |
| **Current Draw** | 3.2A @ 24V DC (High Output)<br>1.2A @ 75V DC (High Output)<br>0.85A @ 110V DC (High Output)<br>2.60A @ 24V DC (Low Output)<br>0.85A @ 75V DC (Low Output)<br>0.75A @ 110V DC (Low Output) |

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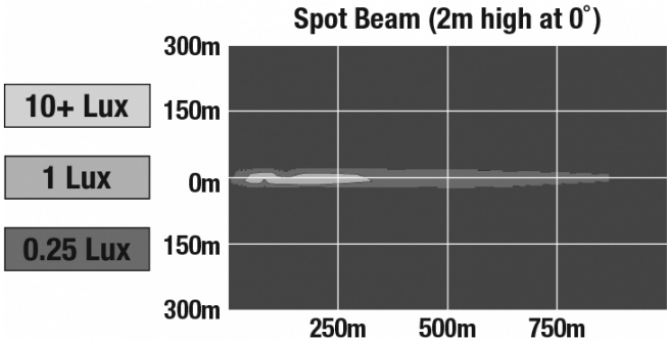
## REGULATORY STANDARDS COMPLIANCE




| | |
|---|---|
| Buy America Standards | Eco Friendly |
| FRA Title 49 CFR 229.125 (a) | FRA Title 49 CFR 229.125 (b) |
| FRA Title 49 CFR 229.125 (d) (2) | IEC IP66 |

## PHOTOMETRIC SPECIFICATIONS

| | |
|---|---|
| **Raw Lumen Output** | High: 3,450, Low: 640 |
| **Effective Lumen Output** | High: 2,400, Low: 240 |
| **Candela Output** | High: 200,000, Low: 20,000 |
| **Beam Pattern(s)** | Forward Lighting - Spot |




## APPLICATIONS




## 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.

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# LED Headlight - Model 8770 Locomotive

## ACCESSORIES



**Part Number 8201111**
Black Polycarbonate Bucket for 7" Round (PAR56) Headlight


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# LED Headlight - Model 8770 Locomotive

## RELATED PRODUCTS



**Part Number 0551901**
24-110V LED Locomotive Headlight with Spot Beam Pattern & Heated Lens



**Part Number 0554601**
24-110V LED Locomotive Headlight with Spot Beam Pattern



**Part Number 0555711**
24-110V LED Locomotive Headlight with Cool White leds. AU & ROW use



**Part Number 0556571**
24-110V LED Locomotive Headlight with Cool White leds & Heated Lens. AU & ROW use.



**Part Number 0561041**
24-110V LED Locomotive Headlight with Warm White leds and Heated Lens with no EOL. AU & ROW use



**Part Number 0561051**
24-110V LED Locomotive Headlight with Warm White leds with no EOL. AU & ROW use



**Part Number 0561061**
24-110V LED Locomotive Headlight with Warm White Spot Beam Pattern


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