

LED Headlight - Model 8770 Locomotive

PRODUCT INFORMATION

| | |
|--------------------------------------|--|
| Description | 24-110V LED Locomotive Headlight with Spot Beam Pattern & Heated Lens |
| Height | 170.00 mm / 6.69 in |
| Width | 170.00 mm / 6.69 in |
| Depth | 103.00 mm / 4.06 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 | 3.10 lbs / 1.41 kgs |
| Additional Information | EN 55011: 2007 IEC 61000-4-5: 2014 EN 61000-4-3 EN 61000-4-4: 2012 EN 50155_2007 Additional Transient: 1500V chassis to ground short protection |



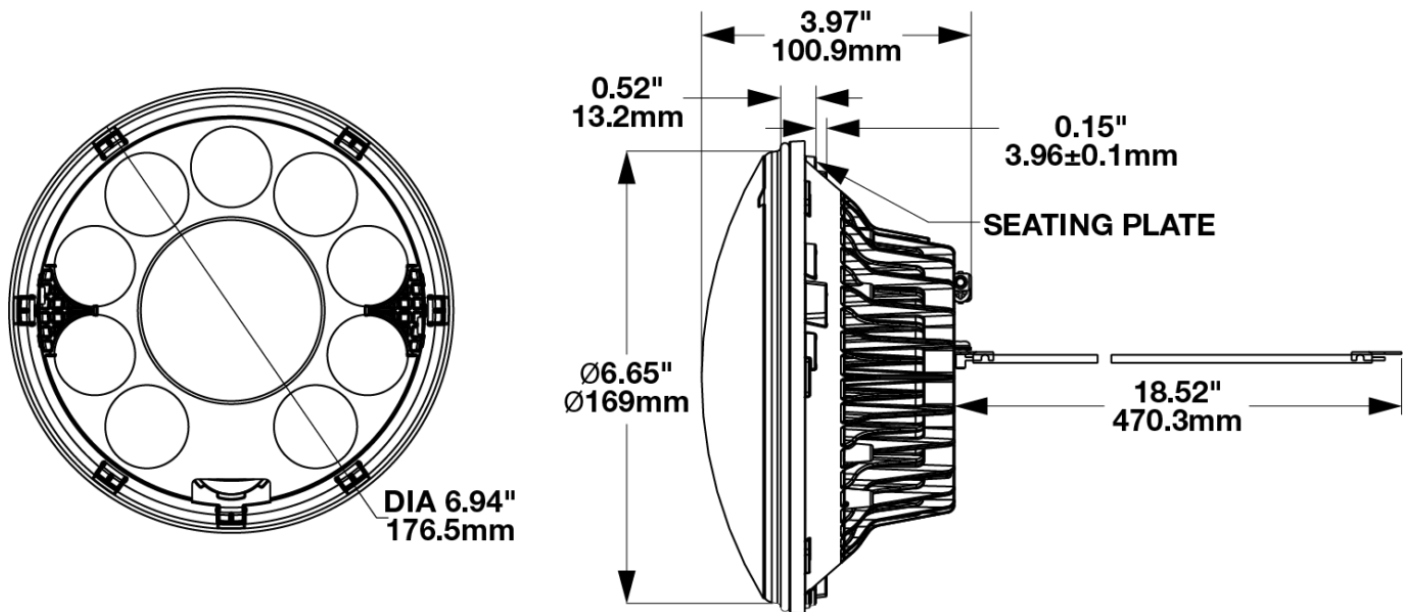
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J.W. SPEAKER
Engineered. Lighting. Solutions.

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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 | 3.20A @ 24V DC (High Output) 1.20A @ 75V DC (High Output) 0.85A @ 110V DC (High Output) 2.60A @ 24V DC (Low Output) 0.85A @ 75V DC (Low Output) 0.75A @ 110V DC (Low Output) |

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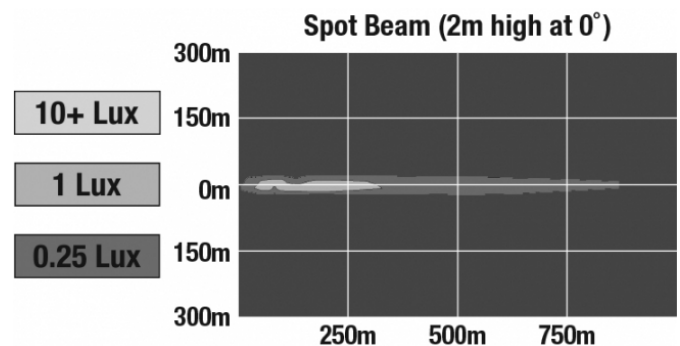
REGULATORY STANDARDS COMPLIANCE



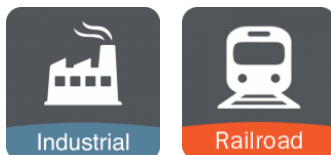
Buy America Standards Eco Friendly
 FRA Title 49 CFR 229.125 (a) FRA Title 49 CFR 229.125 (b)
 FRA Title 49 CFR 229.125 (d) IEC IP66
 (2)

PHOTOMETRIC SPECIFICATIONS

Raw Lumen Output 2,200
Effective Lumen Output 1,800
Candela Output 230,000
Nominal LED Color Temperature 5100 K
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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ACCESSORIES



Part Number
8201111

Black Polycarbonate
Bucket for 7" Round
(PAR56) Headlight

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RELATED PRODUCTS



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
0561031

24-110V LED
Locomotive Headlight
with Warm White Spot
Beam Pattern &
Heated Lens



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