PART NUMBER 0554601

LED Headlight - Model 8770 Locomotive

PRODUCT INFORMATION

Description	24-110V LED Locomotive Headlight with Spot Beam Pattern
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
Bezel Color	Black
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



MODEL 8770

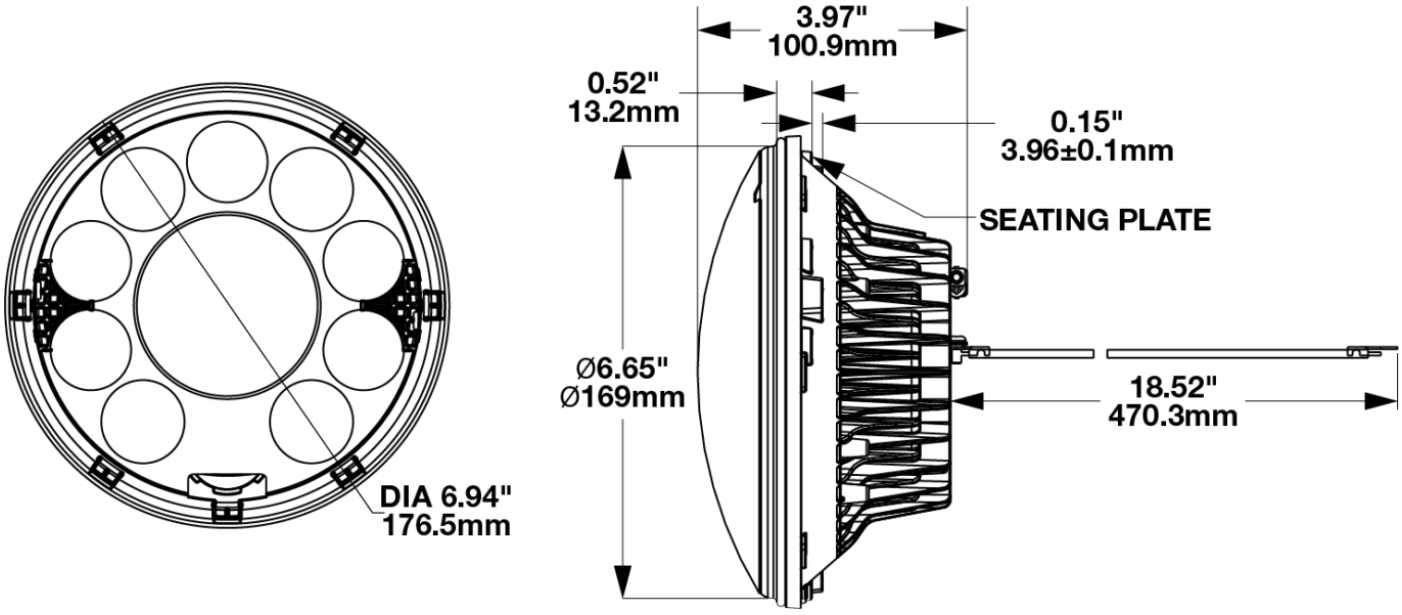
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PART NUMBER 0554601

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	2.10A @ 24V DC (High Output) 0.75A @ 75V DC (High Output) 0.55A @ 110V DC (High Output) 1.00A @ 24V DC (Low Output) 0.45A @ 75V DC (Low Output) 0.30A @ 110V DC (Low Output)

Print date: 2026-11-16

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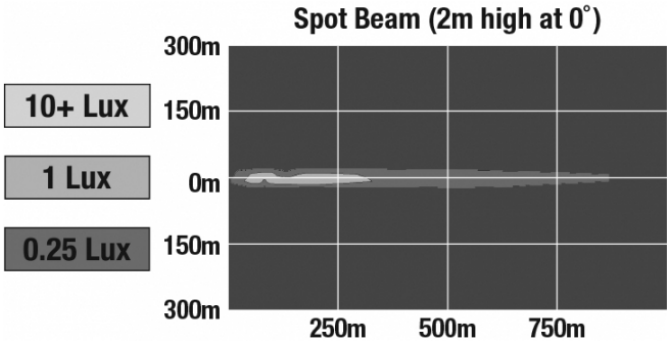
REGULATORY STANDARDS COMPLIANCE



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	2,200
Effective Lumen Output	2,041
Candela Output	260,000
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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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 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

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