



Light Rail LED Marker Light

BSD-1904-001



Mounts Directly into Starlite Model 848-A Assembly

75 Volts DC – BA15D 15mm Double-Contact Bayonet Base

FEATURES

- **Lamp Warranty:** 3 Years
- **Easy Installation:** Mounts Directly into Starlite Model 848-A Assembly
- **LED Operating Life:** Up to 100,000+ Hours (10+ Years)
- **Major Power Savings:** Low 2.5 Wattage Draw Puts Less Load on Electrical System, with up to 90% Energy Savings
- **Solid State:** High-Shock & Vibration Resistant
- **Eco-Friendly:** No Harmful UV or IR

APPLICATIONS

- Rail Car Market Light "Starlite Model 848-A"

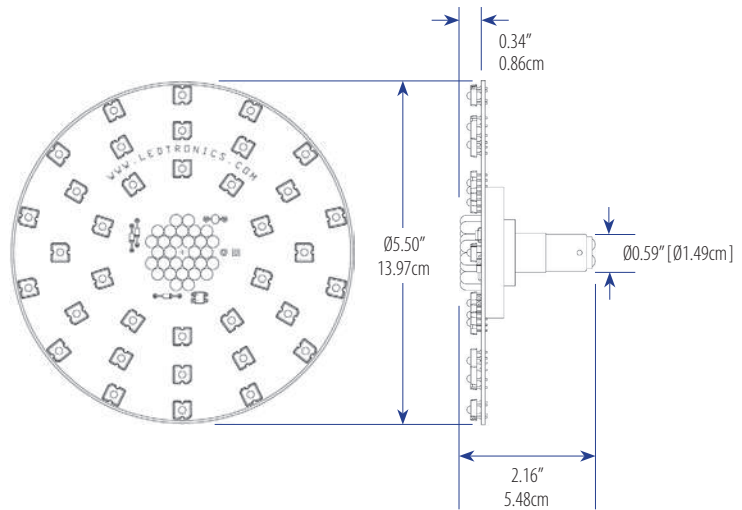
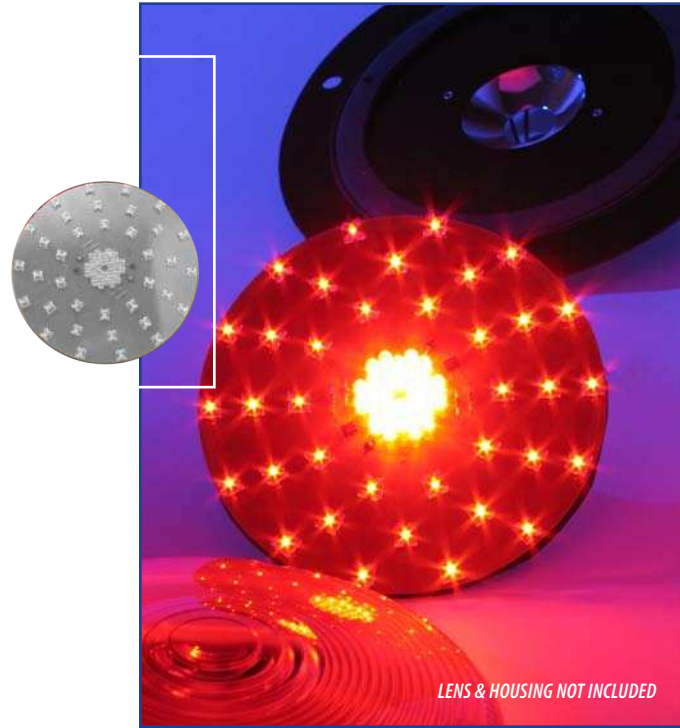


Replaces Incandescent
DC Bayonet Based Bulb



SPECIFICATIONS

PART NO.	BSD-1904-001
Emitted Color	Super Red ●
λ Peak Wavelength	634 nm
Beam Angle	16°
Input Voltage	75VDC
Input Current	33 mA
Power Factor	1.0
Energy Used	2.5 Watts
Efficacy	9.72 lm/watt
Total Lumens	24.3 lm
Max. Foot Candela	83 cd
Base	BA15D 15mm Double-Contact Bayonet
Dimensions	Diameter Ø5.50 (13.97cm) Depth 2.16" (5.48cm)
Weight	1 lb 1 oz = 482 g



CUSTOM OPTIONS [For qualified applications & large-quantity OEM orders]

- Yellow, Green, Blue, White and Other Colors Available
- Other Voltages Available

www.LEDtronics.com

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LEDTRONICS, INC.®
THE FUTURE OF LIGHT



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Light Rail LED Market Light

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Luminaire Photometric Report

Filename: BSD-1904-001

Manufacturer: LEDTRONICS -

Luminaire: NO LENS, 75VDC, 2.5W

Luminaire Cat: BSD-1904-001

Lamp: LUMEN RATING: 24.3Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 24.3

Max Candela: 83.0 at Horizontal: 0, Vertical: 0

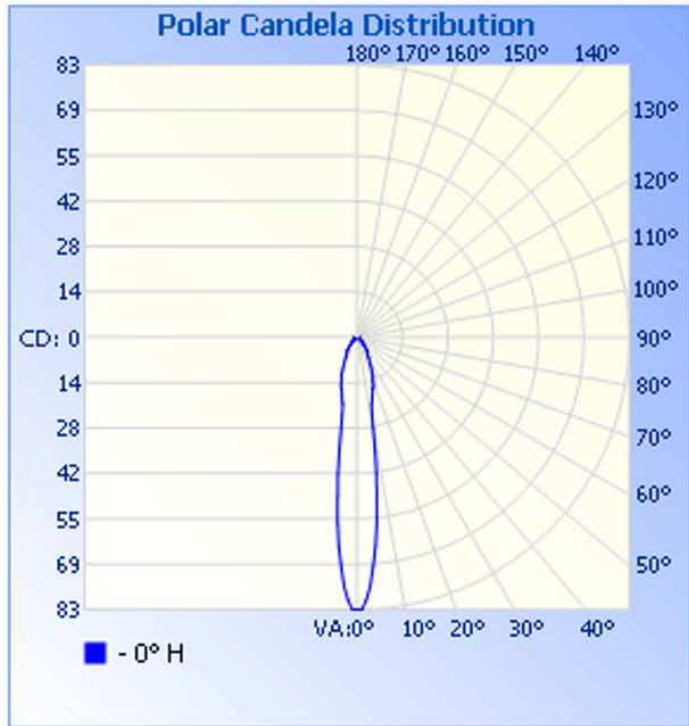
Luminous Opening: Point

Test: 8-25-09

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	14.6	60.2%	60.3%
0-40	18.0	73.9%	74%
0-60	21.1	87%	87.1%
60-90	3.1	12.9%	12.9%
0-90	24.3	99.9%	100%
0-180	24.3	99.9%	100%

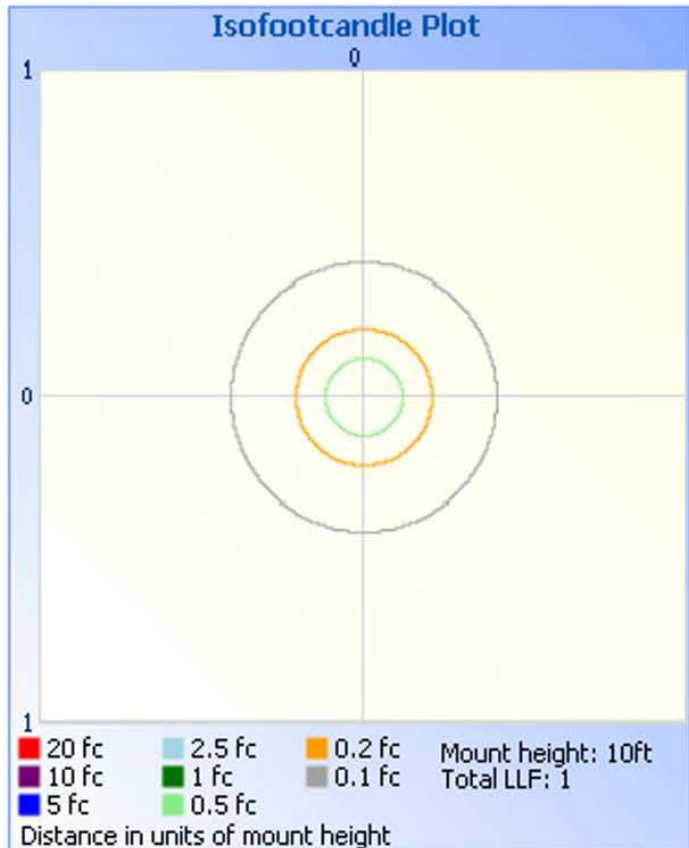
Total Efficiency: 99.9%



Illuminance at a Distance

Center Beam FC	Beam Width
29.88 fc	0.5ft 0.5ft
7.47 fc	0.9ft 0.9ft
3.32 fc	1.4ft 1.4ft
1.87 fc	1.9ft 1.9ft
1.20 fc	2.3ft 2.4ft
0.83 fc	2.8ft 2.8ft

■ Vert. Spread: 16.0° ■ Horiz. Spread: 16.1°



TEST RESULTS ARE PRELIMINARY
— FINALIZED RESULTS UPCOMING