



# 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"

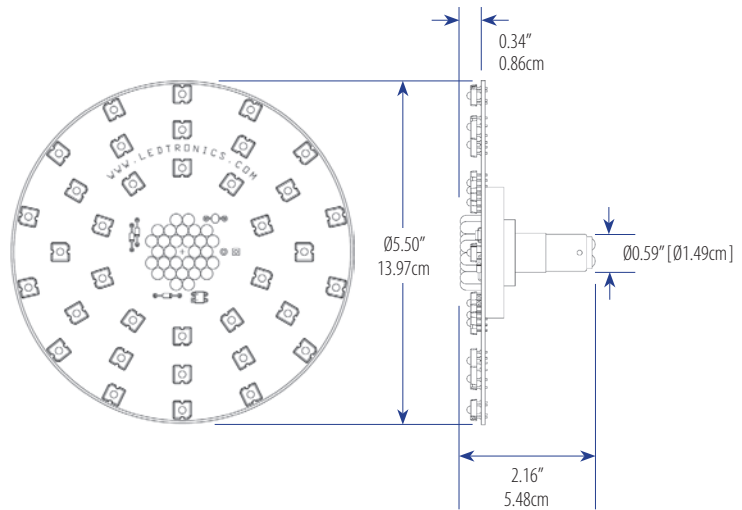
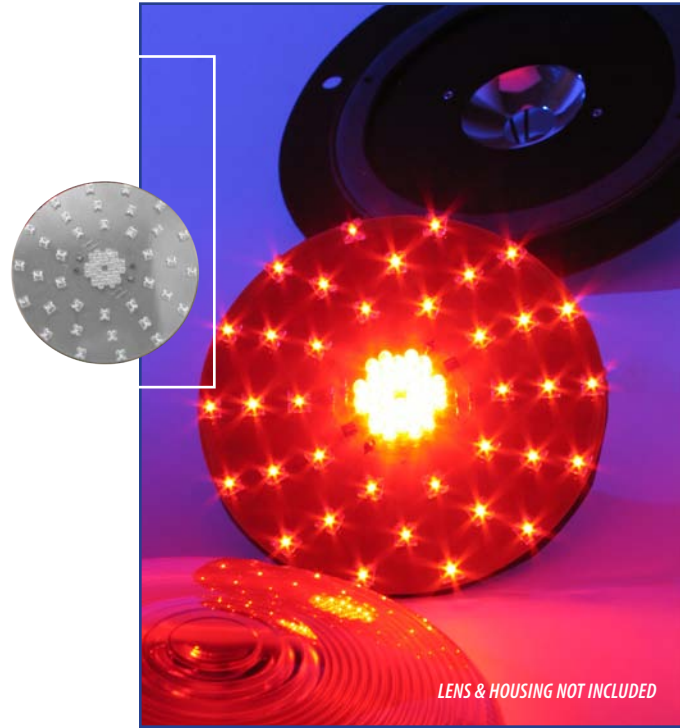


Replaces Incandescent DC Bayonet Based Bulb



### SPECIFICATIONS

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

**LEDTRONICS, INC.®**  
THE FUTURE OF LIGHT



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## BSD-1904-001

### 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

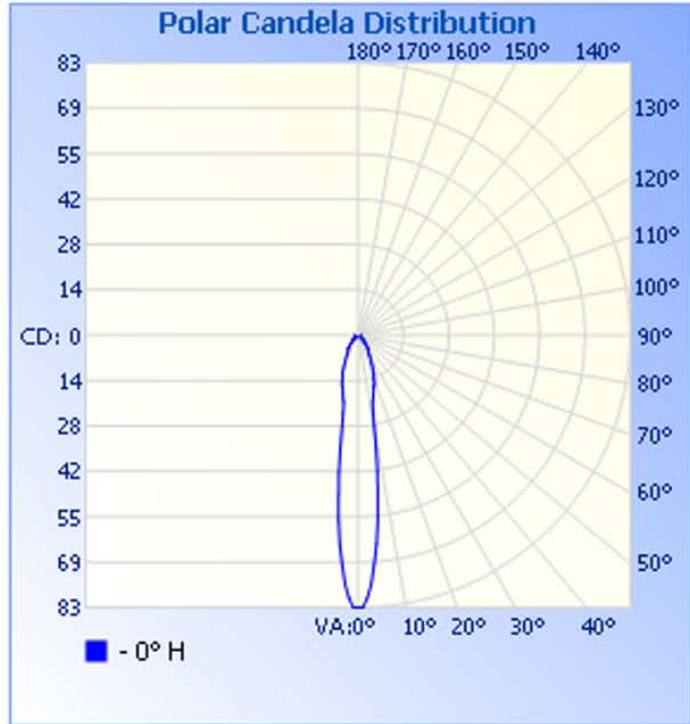
**Luminous Opening:** Point

**Test:** 8-25-09

#### Zonal Lumen Summary

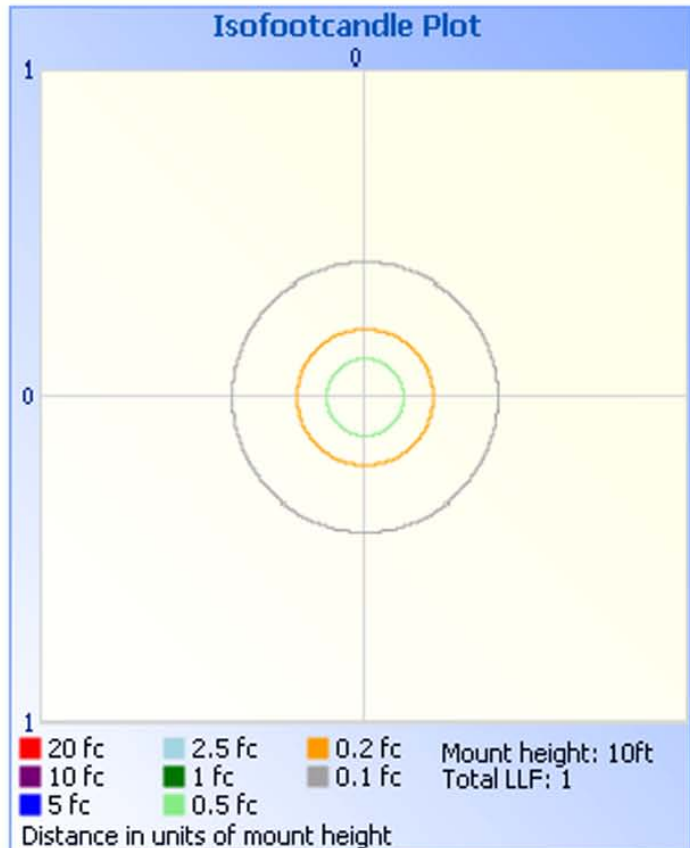
Zone	Lumens	% Lamp	% Luminaire
0-30	14.6	60.2%	60.3%
0-40	18.0	73.9%	74%
0-60	21.1	87%	87.1%
60-90	3.1	12.9%	12.9%
0-90	24.3	99.9%	100%
0-180	24.3	99.9%	100%

**Total Efficiency:** 99.9%



Height	Illuminance at a Distance	
	Center Beam FC	Beam Width
1.7ft	29.88 fc	0.5ft x 0.5ft
3.3ft	7.47 fc	0.9ft x 0.9ft
5.0ft	3.32 fc	1.4ft x 1.4ft
6.7ft	1.87 fc	1.9ft x 1.9ft
8.3ft	1.20 fc	2.3ft x 2.4ft
10.0ft	0.83 fc	2.8ft x 2.8ft

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



TEST RESULTS ARE PRELIMINARY  
— FINALIZED RESULTS UPCOMING