



LED A21 Multi-Voltage Utility Bulb, 11W

120VAC / 130~140VDC – 117° Beam – 3000K & 6000K White – E26 Base – Clear Lens



FEATURES

- 3 Year LEDtronics Limited Warranty
- Direct Retrofit into E26 Edison Medium Screw Base Fixtures; A21 Size Fits Most A19 Applications
- Directional 117° Wide Candela Light Distribution
- Lumen Maintenance over 70% @ 30,000+ Hours
- High CRI / High Lumen with Low Power Consumption of 11 Watts or Less
- UV-Protected Polycarbonate Clear Lens, Aluminum Alloy Heatsink
- Solid-State: High-Shock & High-Vibration Resistant, Minimal Heat
- Wide Operating Temp. Range: ~-20°C to ~+45°C

APPLICATIONS

- For General Illumination in Power Plants, Dam Facilities, Utilities, Transmission Stations
- Train/Rail Car Interior Lighting
- Uninterrupted Emergency Lighting & Rural Area Lighting (Where DC Power Grid Is Available) or Areas Where 120VAC Power Goes Off and Backup 130-140VDC (up to 145VDC) Power Comes on
- Focused Reading & Task Lighting
- Can Be Powered By Solar-Cell-Charged Battery Applications

AVAILABLE OPTIONS

- Other White Color Temperatures
- Other Voltages
- A19 Bulb with E27 Euro Base
- Tinted Clear Lens or Frosted Lens
- 3-in-1 Light Socket Adapter/Converter

Over 40 Years of LEDtronics Design, Engineering & Manufacturing Experience



Style	A21
Heatsink / Color	Aluminum Alloy / Silver
Sleeve / Color	Polycarbonate / White
Lens	Polycarbonate / Clear
Base	E26 Edison Screw
Oper. Temp.	-4°F ~+113°F / -20°C ~+45°C
Dimmability	Not Dimmable
CRI	85



BSD-2080-001

Emitted Color	Cool White		
Color Temperature	6000K		
Input Voltage	120 VAC	130 VDC	140 VDC
Input Power	10 Watts	9.2 Watts	9.2 Watts
Input Current	0.086 A	0.071 A	0.066 A
Total Lumens	1,335.5 lm	1,296.3 lm	1,299.0 lm
Efficacy	134 lm/W	141 lm/W	141 lm/W
SCP	56.25	60.92	60.32
Power Factor	0.96	1.0	1.0
Illumination Angle	110° x 115°	110° x 115°	110° x 115°
Dimensions	3.81 x Ø2.75 inch / 96.8 x Ø69.9 mm		
Net Weight	3.8 oz / 107.7 g		



BSD-2080-002

Emitted Color	Warm White		
Color Temperature	3000K		
Input Voltage	120 VAC	130 VDC	140 VDC
Input Power	11.1 Watts	11.0 Watts	11.0 Watts
Input Current	0.096 A	0.085 A	0.078 A
Total Lumens	797.9 lm	818.1 lm	817.2 lm
Efficacy	71.8 lm/W	74.4 lm/W	74.3 lm/W
SCP	-	-	-
Power Factor	0.97	1.0	1.0
Illumination Angle	117° x 117°	117° x 117°	117° x 117°
Dimensions	4.02 x Ø2.73 inch / 102.1 x Ø69.3 mm		
Net Weight	3.2 oz / 90.7 g		

www.LEDtronics.com

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23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com

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LEDtronics.com

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Printed material may be outdated.

BSD-2080-001

Luminaire Photometric Report

Filename: BSD-2080-001

Manufacturer: LEDTRONICS

Luminaire: NOLENS, 10.9W, 120VAC

Lamp Output: 1 lamp(s), rated Lumens/lamp: 661.8

Max Candela: 227.4 at Horizontal: 0°, Vertical: 0°

Luminous Opening: Point

Test: 4-30-21

Photometry : Type C

CIE Class: Direct

Cutoff Class: Full Cutoff

Nema Type: 7 X 7

Lumens Per Zone

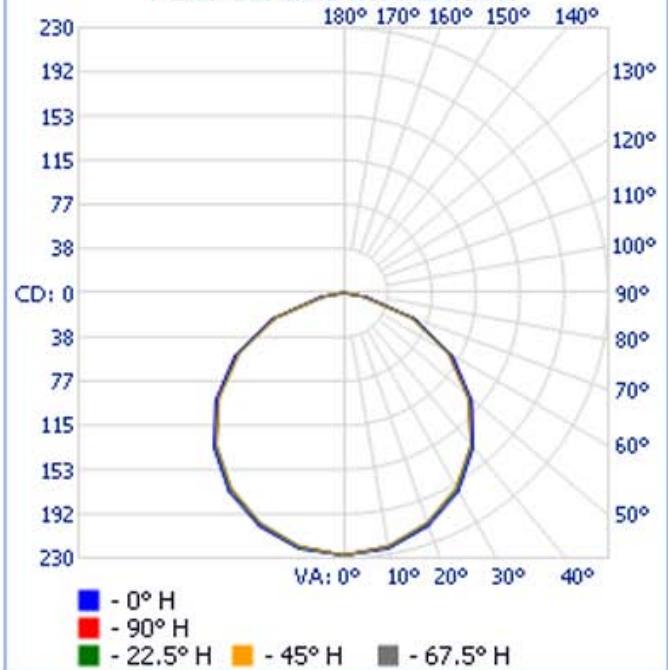
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	21.4	3.2%	90-100	0	0%
10-20	61.6	9.3%	100-110	0	0%
20-30	94.3	14.3%	110-120	0	0%
30-40	115.5	17.4%	120-130	0	0%
40-50	121.5	18.4%	130-140	0	0%
50-60	111.0	16.8%	140-150	0	0%
60-70	83.8	12.7%	150-160	0	0%
70-80	42.9	6.5%	160-170	0	0%
80-90	9.8	1.5%	170-180	0	0%

Illuminance at a Distance

	Center Beam FC	Beam Width
2.0ft	56.85 fc	6.6ft 6.5ft
4.0ft	14.21 fc	13.2ft 13.0ft
6.0ft	6.32 fc	19.7ft 19.5ft
8.0ft	3.55 fc	26.3ft 26.0ft
10.0ft	2.27 fc	32.9ft 32.5ft
12.0ft	1.58 fc	39.5ft 39.0ft

■ Vert. Spread: 117.4° ■ Horiz. Spread: 116.8°

Polar Candela Distribution



Isofootcandle Plot

