



Direct Replacement of Incandescents up to 10 Watts — Consumes Only 1 Watt – Up to 90% Energy Savings

Clear or Frosted S14L Globe Lens — Omnidirectional Beam Pattern — 3000K Warm / 5000K Pure White Colors

FEATURES

- Warranty:** 3 Years
- Major Power Savings:** Consumes Only 1 Watt, Compares with 10W-12W Incandescent Bulbs
- Sturdy Design:** UV-Stabilized Lexan Lens; UV-Stabilized Polycarbonate Sleeve; Nickel-Plated Brass Base
- Solid-State:** High-Shock & High-Vibration Resistant
- Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 35,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- IP50 Dust Protected:** Suitable for Damp Locations
- Easy Installation:** Using Existing E26 Edison Screw-in Fixtures

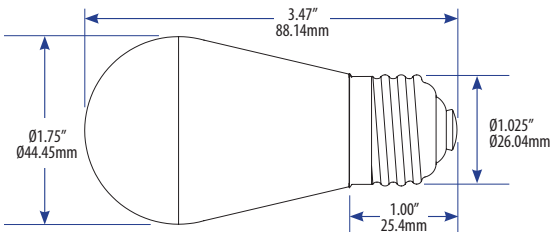


- Wide Ambient Oper. Temperature Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- Eco-Friendly:** RoHS Compliant



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



PART NO.	DEC-S14L(F)-xxW-120A
Beam Pattern	270° Omnidirectional
Input Voltage	120 VAC
Ambient Temp. Range	~-22°F to ~+122°F [~-30°C to ~+50°C]
Dimensions	Dia Ø1.75" x L3.47" (DØ44.45mm x L88.1mm)
Weight	0.0875 lb / 1.4 oz / 39.7 g

BENEFITS

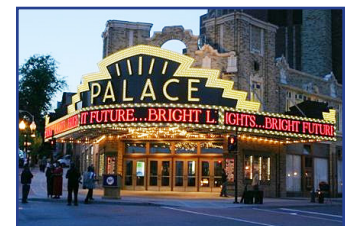
- Low Power Consumption / High Intensity**
- Low Maintenance:** No Filaments to Break; Lowers Costs by Reducing Re-lamp Frequency
- Cool Operation:** Doesn't Get Hot to the Touch – Minimizes Fire Hazard
- Environment-Friendly:** No Mercury, No Lead Content
- No Hazardous Emissions:** No UV or IR Radiation / No RF Interference
- Even Lighting:** High Intensity / No Halation

APPLICATIONS

- Wall Sconces & Lanterns
- Chandelier and Other Decorative Lighting
- Accent Lighting
- Signs and Marquees
- String Lighting



LEDtronics S14L LED bulbs restore the marquees of Bardavon Theatre of Poughkeepsie (above) and Palace Theatre in Albany (bottom), both in New York, drastically dropping the amount of energy consumed.



Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power

CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- Other Voltages Available –** 12/14V, 24/28V, 240VAC
- Other LED Colors –** Cool White, Red, Blue, Aqua Green, Yellow
- Other Lens Colors –** Frosted Colored, Clear Lens with Color LEDs
- Other Bases:** European E27



PART NUMBER	INPUT CURRENT	ENERGY USED	EFFICACY	TOTAL LUMENS	CRI	COLOR TEMP.	EMITTED COLOR
CLEAR LENS							
DEC-S14L-SIW-120A	0.021 A	0.9 Watts	64 lm/W	58 lm	66	2800K ~ 3200K	Warm White
DEC-S14L-TPW-120A	0.020 A	0.9 Watts	60 lm/W	54 lm	75	4800K ~ 5200K	True White
FROSTED LENS							
DEC-S14LF-SIW-120A	0.019 A	1.0 Watts	35 lm/W	35 lm	66	2800K ~ 3200K	Warm White
DEC-S14LF-TPW-120A	0.019 A	1.1 Watts	44 lm/W	48 lm	75	4800K ~ 5200K	True White

DEC-S14L-SIW-120A

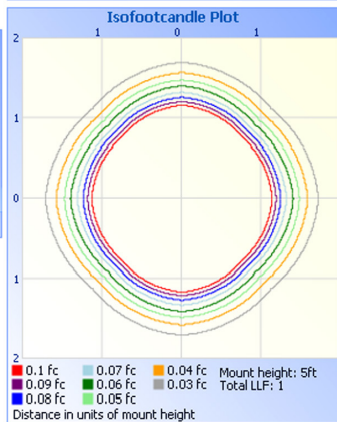
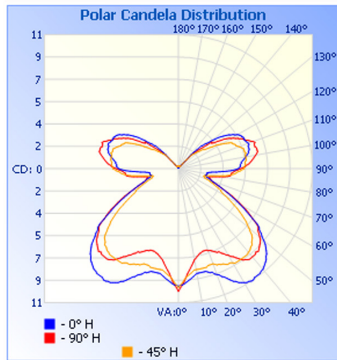
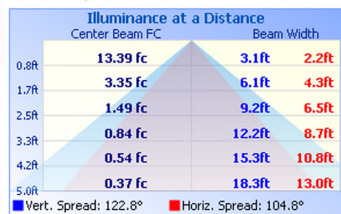
Luminaire Photometric Report

Filename: DEC-S14L-SIW-120A
Manufacturer: LEDTRONICS -
Luminaire: CLEAR LENS, 120VAC, 9W
Luminaire Cat: DEC-S14L-SIW-120A
Lamp: LUMEN RATING: 57.9Lms.
Lamp Output: 1 lamp(s), rated lamp lumens: 57.9
Max Candela: 10.6 at Horizontal: 0, Vertical: 33
Luminous Opening: Point
Test: 12-17-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	6.9	12%	12%
0-40	12.7	21.9%	21.9%
0-60	25.3	43.7%	43.7%
60-90	10.7	18.5%	18.5%
0-90	36.1	62.3%	62.3%
90-180	21.8	37.7%	37.7%
0-180	57.9	100%	100%

Total Efficiency: 100%



DEC-S14LF-SIW-120A

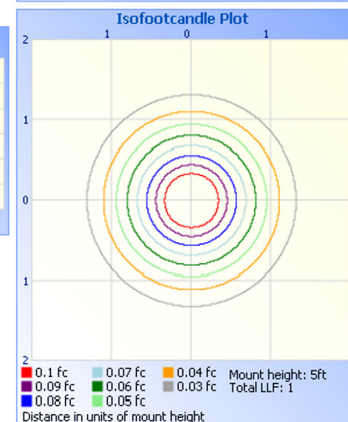
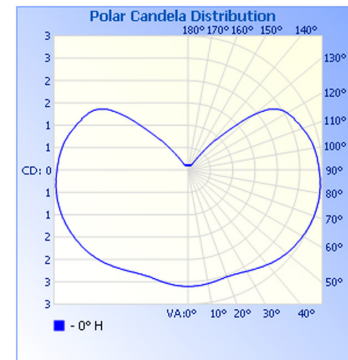
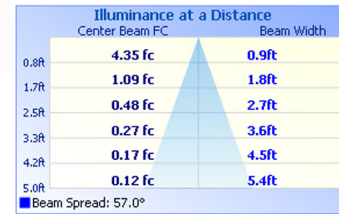
Luminaire Photometric Report

Filename: DEC-S14LF-SIW-120A
Manufacturer: LEDTRONICS -
Luminaire: FROSTED LENS, 120VAC, 11W
Luminaire Cat: DEC-S14LF-SIW-120A
Lamp: LUMEN RATING: 35.0Lms.
Lamp Output: 1 lamp(s), rated lamp lumens: 35
Max Candela: 3.5 at Horizontal: 0, Vertical: 69
Luminous Opening: Point
Test: 12-17-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2.5	7.2%	7.2%
0-40	4.5	12.8%	12.8%
0-60	10.1	28.7%	28.7%
60-90	10.9	31.1%	31.1%
0-90	20.9	59.8%	59.8%
90-180	14.1	40.1%	40.2%
0-180	35.0	99.9%	100%

Total Efficiency: 99.9%



DEC-S14LF-TPW-120A

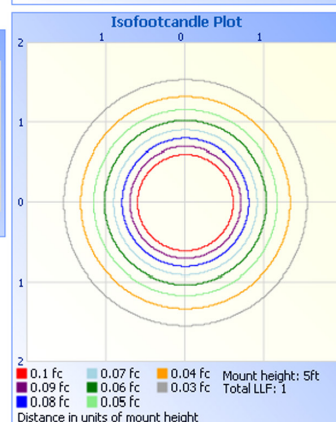
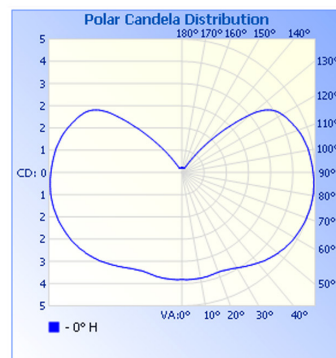
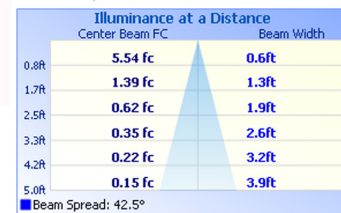
Luminaire Photometric Report

Filename: DEC-S14LF-TPW-120A
Manufacturer: LEDTRONICS -
Luminaire: FROSTED LENS, 120VAC, 1.11W
Luminaire Cat: DEC-S14LF-TPW-120A
Lamp: LUMEN RATING: 48.3Lms.
Lamp Output: 1 lamp(s), rated lamp lumens: 48.3
Max Candela: 4.8 at Horizontal: 0, Vertical: 74
Luminous Opening: Point
Test: 12-20-10

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3.2	6.7%	6.7%
0-40	5.8	12.1%	12.1%
0-60	13.4	27.7%	27.7%
60-90	15.0	31%	31%
0-90	28.4	58.7%	58.7%
90-180	19.9	41.3%	41.3%
0-180	48.3	100%	100%

Total Efficiency: 100%



*White LED technology
is patent protected in the
United States.*

*LEDtronics white LED
products are covered
under these patents.*

CAUTION When Installing Lamps in Potentially Corrosive Outdoor Environments

LEDtronics suggests that a silicone moisture-barrier sealant be used to protect the metal-threaded base of the LED bulb.

Sealant is highly recommended for all outdoor-environment LED bulb installations to prevent water and/or moisture incursion that can lead to premature degradation of the bulb base and eventual bulb failure. **This is especially recommended for LED bulb installations near saltwater bodies.**

Dow Corning Molykote® 111 Valve Lubricant and Sealant is a high-temperature, moisture-resistant, silicone grease. If liberally applied to the clean surface of the lamp socket and the base of the lamp itself, it will provide moisture and corrosion resistance.