



DecorLED™ A19 Dimmable Bulbs/E26 Base/Wide-Beam

DEC-A19x-8W-XxW-120AWD

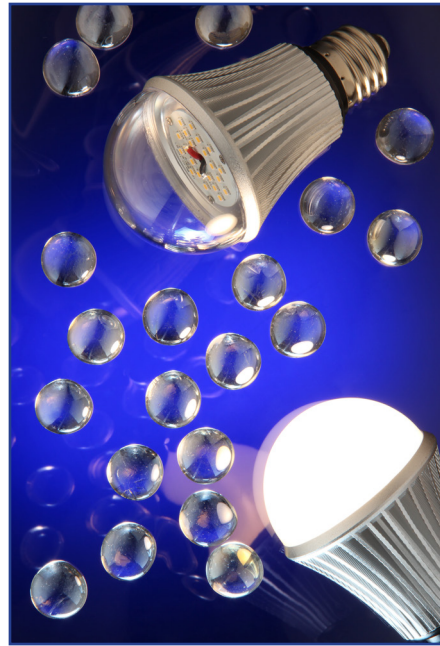


Consumes Only 8 Watts – Directly Replaces Incandescents up to 75 Watts – Up to 90% Energy Savings

Operates on 100~120VAC — E26/E27 Screw Base — Waterclear or Frosted Lens — 115°-130° Wide Beam

FEATURES

- **Lamp Warranty:** 3 Years
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation (*Rated average life based on engineering testing and probability analysis*)
- **Dimmable** with Standard Lamp Dimmers – Compatible with Most LED Phase-Control Dimmers (*Check for models at LEDtronics.com/dimmers*)
- **Enhanced Passive Cooling** Reduces Junction Temperatures, Extending Life
- **High CRI** Enhances All Colors
- **Lens:** Polycarbonate, UV-Protected
- **Easy Installation:** Using Existing E26 or E27 Edison Screw-in Fixtures
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Directed Light Output:** Exceptional Light Distribution
- **Highest-Grade LEDs:** Uses Premium Lighting-Class LEDs
- **Wide Operating Temperature Range:** ~-22°F to ~+122°F
- LED LM80 Test Report on File



BENEFITS

- **Major Energy Savings:** Over 90% Compared to Incandescents
- **Low Maintenance:** Extra Durable—No Glass to Break, Much Longer Life, Lowers Costs By Reducing Re-lamp Frequency
- **Eco-Friendly:** No Mercury, No Lead Content
- **Even Lighting:** High Intensity / No Halation
- **No Hazardous Emissions:** No UV or IR Radiation
- **Reduces Light Pollution:** No Wasted Light, "Dark Skies Initiative"-Friendly
- **Cool Operation:** Doesn't Get Hot to the Touch—Reduces A/C Loads

White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

APPLICATIONS

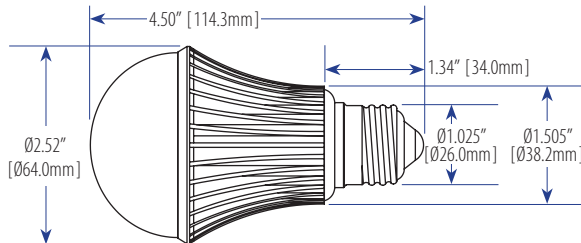
- **Display Cases** and Exhibit Set-ups
- **Architectural** and Décor Lighting
- **Accent Lighting** for Lounges, Bars, Casinos; Staircases, Closets, Cabinets, Ceilings
- **Emergency** Pathway Lighting
- **Task Lighting:** RVs, Buses, Trains; Coolers, Freezers
- **Signage** Letters or Store Fronts
- **Suitable for Damp Locations**

CUSTOM OPTIONS

(For qualified applications & large-quantity OEM orders)

- **Can Be Made in the USA** from Imported Parts to Meet the "Buy American" Qualifications within the ARRA
- **Other Voltages** – 12/14V, 24/28V, 240VAC
- **Other Colors** – Cool White, Super Red, Super Blue, Aqua Green
- **Other Lens Colors** – Frosted White, Frosted Colored
- **Other Bases:** European E27D

*** Title 20 Compliant**



SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	DEC-A19(F/C)-8W-XxW-120AWD
Input Voltage	100~120VAC [<i>Tested @ 120VAC</i>]
Ambient Operating Temp.	~-22°F to ~+122°F (~-30°C to ~+50°C)
Body	Silver / Clear UV-Protected Lens
Dimensions	Dia Ø2.52" x L4.50" [Ø64.0mm x 114.3mm]
Weight	0.3875 lb / 6.2 oz / 175.8 g
Protection Rating	IP50 – Dust Protected

PART NUMBER	INPUT CURRENT	ENERGY USED	TOTAL LUMENS	EFFICACY	MAXIMUM CANDELA	POWER FACTOR	CRI	COLOR TEMPERATURE	LED EMITTING COLOR	VIEWING ANGLE*
CLEAR LENS										
DEC-A19C-8W-XIW-120AWD	0.069 A	7.7 Watts	687 lm	89 lm/W	228 cd	0.93	85	3000K~3200K	Warm White	114°
DEC-A19C-8W-XPW-120AWD	0.071 A	7.8 Watts	730 lm	94 lm/W	233 cd	0.92	75	5000K~6000K	Pure White	118°
FROSTED LENS										
DEC-A19F-8W-XIW-120AWD*	0.069 A	7.7 Watts	694 lm	90 lm/W	179 cd	0.93	85	3000K~3200K	Warm White	124°
DEC-A19F-8W-XPW-120AWD	0.071 A	7.8 Watts	811 lm	104 lm/W	198 cd	0.92	75	5000K~6000K	Pure White	129°

(*Full Beam Width @ 50% Intensity)

LEDTRONICS®

America's Premium Brand LED Company™

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Check LEDTRONICS.COM for latest data.
Printed material may be outdated.

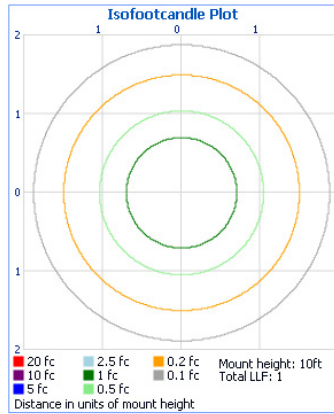
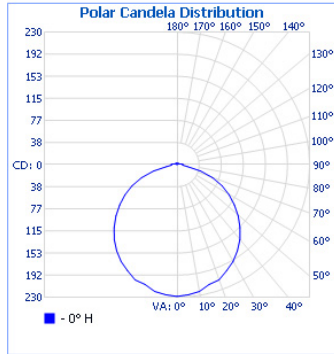
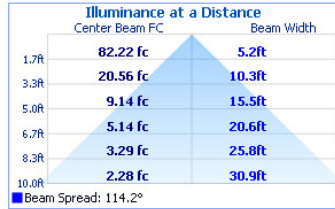
DEC-A19C-8W-XIW-120AWD

Luminaire Photometric Report

Filename: DEC-A19C-8W-XIW-120AWD
Manufacturer: LEDTRONICS
Luminaire: CLEAR LEN, 120VAC, 7.7W
Luminaire Cat: DEC-A19C-8W-XIW-120AWD
Lamp: LUMEN RATING: 687.0Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 687
Max Candela: 226.4 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 11-10-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	176.4	25.7%	25.7%
0-40	290.5	42.3%	42.3%
0-60	518.1	75.4%	75.4%
0-90	142.0	20.7%	20.7%
70-100	67.7	9.9%	9.9%
90-120	19.9	2.9%	2.9%
0-90	660.1	96.1%	96.1%
90-180	26.9	3.9%	3.9%
0-180	687.0	100%	100%



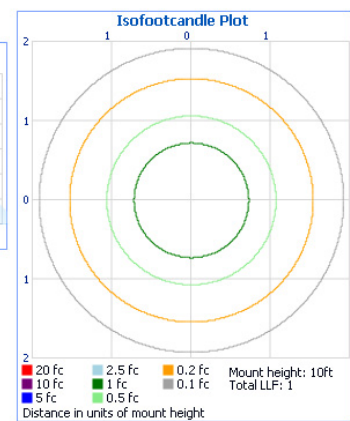
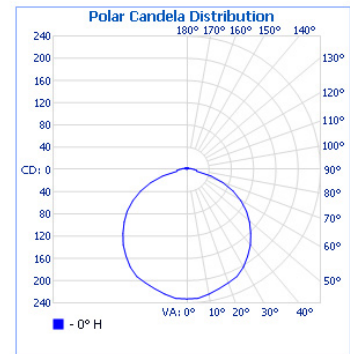
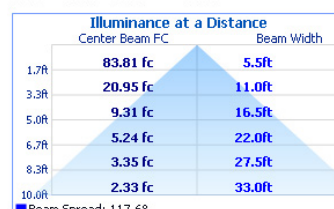
DEC-A19C-8W-XPW-120AWD

Luminaire Photometric Report

Filename: DEC-A19C-8W-XPW-120AWD
Manufacturer: LEDTRONICS
Luminaire: CLEAR LEN, 120VAC, 7.8W
Luminaire Cat: DEC-A19C-8W-XPW-120AWD
Lamp: LUMEN RATING: 729.8Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 729.8
Max Candela: 232.8 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 11-10-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	182.3	25%	25%
0-40	301.5	41.3%	41.3%
0-60	543.1	74.4%	74.4%
0-90	154.5	21.2%	21.2%
70-100	76.0	10.4%	10.4%
90-120	22.9	3.1%	3.1%
0-90	697.6	95.6%	95.6%
90-180	32.2	4.4%	4.4%
0-180	729.8	100%	100%



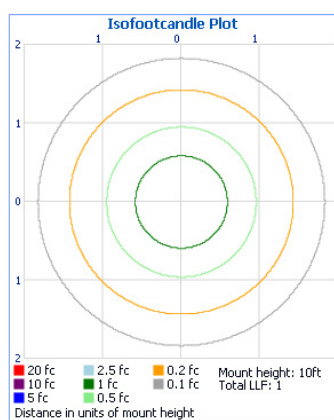
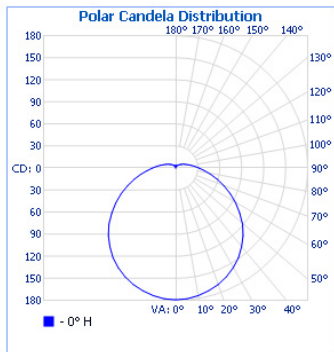
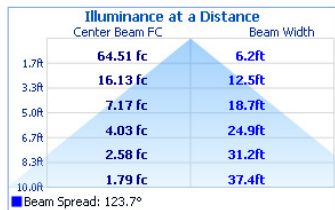
DEC-A19F-8W-XIW-120AWD

Luminaire Photometric Report

Filename: DEC-A19F-8W-XIW-120AWD
Manufacturer: LEDTRONICS
Luminaire: FROSTED LEN, 120VAC, 7.7W
Luminaire Cat: DEC-A19F-8W-XIW-120AWD
Lamp: LUMEN RATING: 694.3Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 694.3
Max Candela: 179.2 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 11-9-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	141.0	20.3%	20.3%
0-40	234.0	33.7%	33.7%
0-60	429.4	61.8%	61.8%
0-90	186.2	26.8%	26.8%
70-100	134.0	19.3%	19.3%
90-120	60.1	8.7%	8.7%
0-90	615.6	88.7%	88.7%
90-180	78.7	11.3%	11.3%
0-180	694.3	100%	100%



DEC-A19F-8W-XPW-120AWD

Luminaire Photometric Report

Filename: DEC-A19F-8W-XPW-120AWD
Manufacturer: LEDTRONICS
Luminaire: FROSTED LEN, 120VAC, 7.8W
Luminaire Cat: DEC-A19F-8W-XPW-120AWD
Lamp: LUMEN RATING: 810.8Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 810.8
Max Candela: 198.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 11-9-11

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	159.4	19.7%	19.7%
0-40	266.5	32.9%	32.9%
0-60	495.2	61.1%	61.1%
0-90	224.2	27.7%	27.7%
70-100	162.0	20%	20%
90-120	70.8	8.7%	8.7%
0-90	719.4	88.7%	88.7%
90-180	91.4	11.3%	11.3%
0-180	810.8	100%	100%

