



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

DEC-A19F-6W-XxW-120AWD



www.LEDtronics.com

LOG 401 / Rev 01 - 2017

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 Printed material may be outdated.

Consumes Only 6 Watts – Directly Replaces Incandescents up to 50 Watts – Up to 90% Energy Savings

Operates on 110~120VAC — E26 Screw Base — Frosted Lens — 120° Wide Beam

FEATURES

- **Lamp Warranty:** 3 Years
- **Much Lower Power Consumption:** Only 6 Watts
- **Flexible Voltage Range:** 110/120VAC North American
- **Long Lifespan:** White LED Lumen Maintenance Greater than 70% at 50,000 Hours of Operation
- **Dimmable** with Standard Lamp Dimmers – Compatible with Most LED Phase-Control Dimmers (Recommended for Best Results: Lutron C-L™ category models in Diva®, Skylark Contour™, Luméa®, Ariadni® & Hi-Lume LED Maestro® series. Check for more models at LEDtronics.com/dimmers)
- **Easy Installation:** Using Existing E26 Edison Fixtures
- **Enhanced Passive Cooling:** Reduces Junction Temperatures, Extending Life of the Lamp
- **Robust Design:** Polycarbonate, UV-Protected Bulb
- **Directed Light Output:** Exceptional Light Distribution
- **Highest-Grade LEDs:** Uses Premium Lighting-Class LEDs
- **High CRI** of up to 85 Enhances All Colors
- **Wide Operating Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- LED LM80 Test Report on File

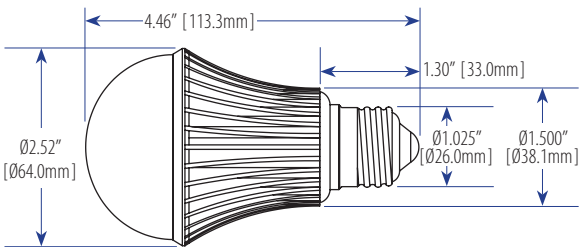


White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

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**

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



BENEFITS

- **Major Energy Savings:** Over 90% Compared to Incandescents
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Even Lighting:** High Intensity / No Halation
- **Low Maintenance:** Extra Durable—No Glass to Break, Much Longer Operational Life: Lowers Costs By Reducing Re-lamp Frequency
- **Eco-Friendly:** No Mercury, No Lead Content
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects; No RF Interference
- **Reduces Light Pollution:** No Wasted Light, “Dark Skies Initiative”-Friendly
- **Cool Operation:** Doesn’t Get Hot to the Touch—Reduces Air-Conditioning Loads

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	DEC-A19F-6W-XxW-120AWD
Input Voltage	110~120VAC [Tested @ 120VAC]
Viewing Angle	115°~ 130° [Full Beam Width @ 50% Intensity]
Lens	Frosted Polycarbonate, UV-Protected
Body	Silver
Ambient Operating Temp.	~-22°F to ~+122°F (~-30°C to ~+50°C)
Dimensions	Dia 0.252" x L4.46" [064.0mm x 113.3mm]
Weight	0.375 lb / 6.0 oz / 170 g
Protection Rating	IP50 – Dust Protected

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** – 240VAC
- **Other White Color Temperatures**
- **Other Lens Colors** – Frosted Colored,
- **Other Bases:** European E27 and E27D

*(*Full Beam Width @ 50% Intensity)*

PART NUMBER	INPUT CURRENT	ENERGY USED	TOTAL LUMENS	EFFICACY	MAXIMUM CANDELA	POWER FACTOR	CRI	COLOR TEMPERATURE	LED EMITTING COLOR	VIEWING ANGLE*
DEC-A19F-6W-XIW-120AWD	0.066 A	6.1 Watts	469 lm	77 lm/W	119 cd	0.77	85	3000K~3200K	Warm White	120°
DEC-A19F-6W-XPW-120AWD	0.065 A	6.0 Watts	494 lm	82 lm/W	129 cd	0.77	75	5000K~6000K	Pure White	118°

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Creating the Future of Light Since 1983™

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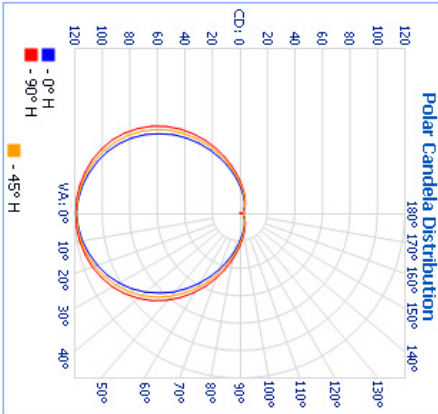


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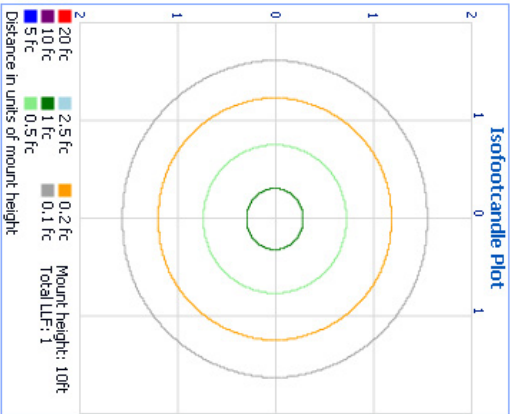
Luminaire Photometric Report

Filename: DEC-A19F-6W-XIW-120AWD
 Manufacturer: LEDTRONICS -
 Luminaire: FROSTED LENS, 120VAC, 6.0W
 Luminaire Cat: DEC-A19F-6W-XIW-120AWD
 Lamp: LUMEN RATING: 469.4Lms.
 Lamp Output: 1 lamp(s), rated lumens/lamp: 469.4
 Max Candela: 119.0 at Horizontal: 90°, Vertical: 0°
 Luminous Opening Point
 Test: 05-21-12
 Photometry: Type C
 CIE Class: Semi-Direct
 Cutoff Class: Noncutoff



Zonal Lumen Summary

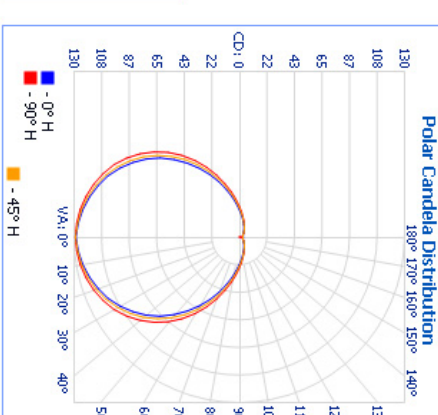
Zone	Lumens	% Lamp	% Luminaire
0-30	93.7	20%	20%
0-40	155.5	33.1%	33.1%
0-60	285.3	60.8%	60.8%
60-90	126.5	27%	26.9%
70-100	92.5	19.7%	19.7%
90-120	42.8	9.1%	9.1%
0-90	411.8	87.7%	87.7%
90-180	57.6	12.3%	12.3%
0-180	469.4	100%	100%



DEC-A19F-6W-XPW-120AWD

Luminaire Photometric Report

Filename: DEC-A19F-6W-XPW-120AWD
 Manufacturer: LEDTRONICS -
 Luminaire: FROSTED LENS, 120VAC, 6.0W
 Luminaire Cat: DEC-A19F-6W-XPW-120AWD
 Lamp: LUMEN RATING: 494.0Lms.
 Lamp Output: 1 lamp(s), rated lumens/lamp: 494
 Max Candela: 128.9 at Horizontal: 90°, Vertical: 0°
 Luminous Opening Point
 Test: 05-21-12
 Photometry: Type C
 CIE Class: Semi-Direct
 Cutoff Class: Semicutoff



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	100.1	20.3%	20.3%
0-40	165.7	33.5%	33.5%
0-60	302.4	61.2%	61.2%
60-90	131.4	26.6%	26.6%
70-100	95.9	19.4%	19.4%
90-120	44.7	9.1%	9.1%
0-90	433.8	87.8%	87.8%
90-180	60.2	12.2%	12.2%
0-180	494.0	100%	100%

