



# DécorLED G30/E26 Medium-Base Globe Bulbs

DEC-G30(F)-xxW-120A



**Direct Incandescent Replacement — Consumes Only 1.2 Watts – Up to 90% Energy Savings**

**Clear or Frosted G30 Globe Lens — Omnidirectional Beam Pattern — 3000K Warm / 5000K Pure White Colors**

## FEATURES

- **Warranty:** 3 Years
- **Major Power Savings:** Consumes Only 1.2 Watt or Less, Compares with 10W-15W Incandescents
- **Construction:** Polycarbonate, UV-Protected Bulb
- **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 Operating Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]
- **Eco-Friendly:** Parts with (\*) Are RoHS Compliant



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

## SPECIFICATIONS

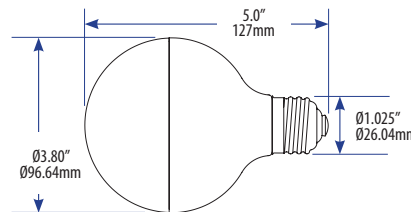
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NO.	DEC-G30(F)-xxW-120A
Beam Pattern	Omnidirectional
Input Voltage	120 VAC
Base	26mm E26 Edison Screw / Nickel-Plated Brass
Lens	Waterclear Lexan-201-112, UV-Protected
Ambient Temp. Range	~-22°F to ~+122°F [~-30°C to ~+50°C]
Dimensions	Dia Ø3.805" x L5.0" (DØ96.64mm x L127mm)
Weight	0.225 lb / 3.6 oz / 102 g



## BENEFITS

- **Low Power Consumption / High Intensity**
- **Low Maintenance:** No Filaments to Break; Lowers Costs by Reducing Re-lamp Frequency
- **Eco-Friendly:** No Mercury, No Lead Content
- **Cool Operation:** Doesn't Get Hot to the Touch – Minimizes Fire Hazard
- **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 frosted globe lamps used as accent lighting all around the inside perimeter of the rotunda at the Los Angeles County Natural History Museum



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

## CUSTOM OPTIONS [For qualified applications & large-quantity OEM orders]

- Other **Voltages:** 12/14V, 24/28V, 240V
- Other **LED Colors:** Cool White, Red, Yellow, Aqua Green, Blue
- Other **Base Types or Sizes:** E27
- Other **Lens Colors:** Frosted Colored, Clear Lens with Color LEDs



PART NUMBER	INPUT CURRENT	ENERGY USED	TOTAL LUMENS	EFFICACY	CRI	COLOR TEMP.	LED EMITTING COLOR
DEC-G30-SIW-120A*	0.015 A	0.9 Watts	51 lm	56 lm/W	66	2800K - 3200K	Warm White
DEC-G30-TPW-120A	0.015 A	0.9 Watts	77 lm	86 lm/W	75	4800K - 5200K	True White
DEC-G30F-SIW-120A*	0.017 A	1.2 Watts	32 lm	27 lm/W	66	2800K - 3200K	Warm White
DEC-G30F-TPW-120A*	0.017 A	1.1 Watts	56 lm	51 lm/W	75	4800K - 5200K	True White

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Creating the Future of Light Since 1983™

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

## DEC-G30-SIW-120A

### Luminaire Photometric Report

Filename: DEC-G30-SIW-120A

Manufacturer: LEDTRONICS -

Luminaire: CLEAR LENS, 120VAC, 9W

Luminaire Cat: DEC-G30-SIW-120A

Lamp: LUMEN RATING: 50.9Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 50.9

Max Candela: 11.8 at Horizontal: 0, Vertical: 20

Luminous Opening: Point

Test: 12-21-10

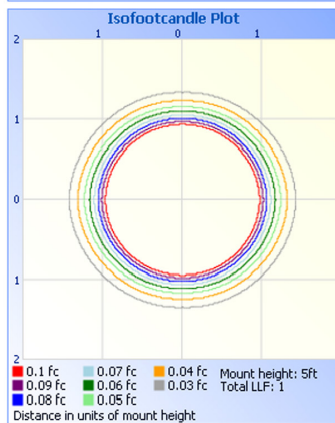
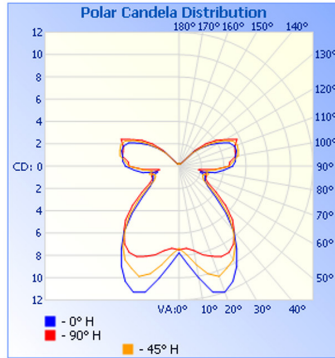
#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	8.1	16%	16%
0-40	13.5	26.5%	26.5%
0-60	21.4	42.1%	42.1%
60-90	8.8	17.2%	17.2%
0-90	30.2	59.3%	59.3%
90-180	20.7	40.7%	40.7%
0-180	50.9	100%	100%

Total Efficiency: 100%

Illuminance at a Distance		
Center Beam FC	Beam Width	
0.8ft	10.99 fc	1.7ft 1.6ft
1.7ft	2.75 fc	3.3ft 3.2ft
2.5ft	1.22 fc	5.0ft 4.8ft
3.3ft	0.69 fc	6.6ft 6.4ft
4.2ft	0.44 fc	8.3ft 8.0ft
5.0ft	0.31 fc	10.0ft 9.6ft

Vert. Spread: 89.8° Horiz. Spread: 87.4°



## DEC-G30F-SIW-120A

### Luminaire Photometric Report

Filename: DEC-G30F-SIW-120A

Manufacturer: LEDTRONICS -

Luminaire: FROSTED LENS, 120VAC, 1.2W

Luminaire Cat: DEC-G30F-SIW-120A

Lamp: LUMEN RATING: 32.0Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 32

Max Candela: 2.8 at Horizontal: 0, Vertical: 94

Luminous Opening: Point

Test: 10-22-10

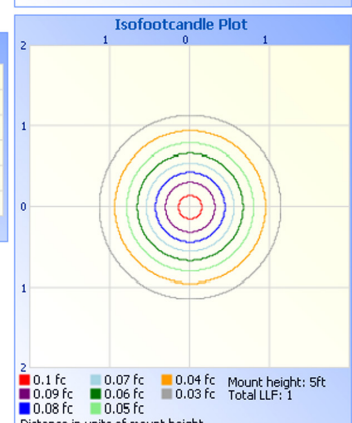
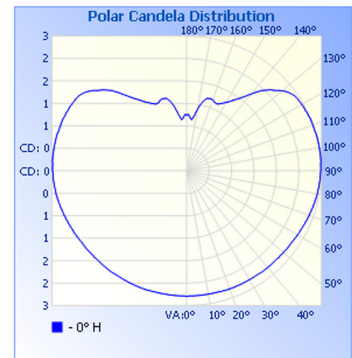
#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	2.2	6.8%	6.8%
0-40	3.8	11.9%	11.9%
0-60	8.2	25.6%	25.6%
60-90	8.5	26.6%	26.6%
0-90	16.7	52.2%	52.1%
90-180	15.4	48%	47.9%
0-180	32.0	100.1%	100%

Total Efficiency: 100.1%

Illuminance at a Distance		
Center Beam FC	Beam Width	
0.8ft	3.73 fc	
1.7ft	0.93 fc	
2.5ft	0.41 fc	
3.3ft	0.23 fc	
4.2ft	0.15 fc	
5.0ft	0.10 fc	

Mount height: 5ft Total LLF: 1



## DEC-G30-TPW-120A

Filename: DEC-G30-TPW-120A

Manufacturer: LEDTRONICS

Luminaire: CLEAR LENS, 120VAC, 0.9W

Luminaire Cat: DEC-G30-TPW-120A

Lamp: LUMEN RATING: 77.2Lms.

Lamp Output: 1 lamp(s), rated lumens/lamp: 77.2

Max Candela: 10.4 at Horizontal: 0°, Vertical: 45°

Luminous Opening: Point

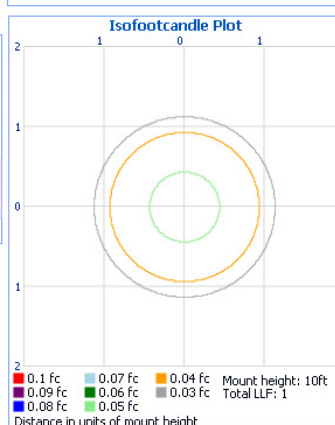
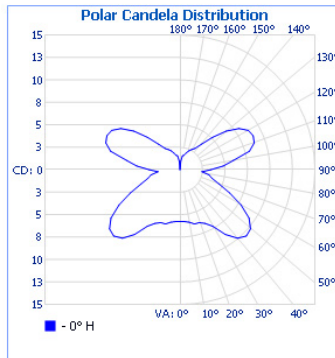
Test: 8-24-11

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	5.4	7%	7%
0-40	10.9	14.1%	14.1%
0-60	27.1	35.1%	35.1%
60-90	13.3	17.2%	17.2%
70-100	12.4	16%	16%
90-120	22.1	28.7%	28.7%
0-90	40.4	52.3%	52.3%
90-180	36.9	47.7%	47.7%
0-180	77.2	100%	100%

Illuminance at a Distance		
Center Beam FC	Beam Width	
1.7ft	2.07 fc	5.3ft 8.2ft
3.3ft	0.52 fc	10.6ft 16.4ft
5.0ft	0.23 fc	15.9ft 24.7ft
6.7ft	0.13 fc	21.3ft 32.9ft
8.3ft	0.08 fc	26.6ft 41.1ft
10.0ft	0.06 fc	31.9ft 49.3ft

Vert. Spread: 115.8° Horiz. Spread: 135.9°



## DEC-G30F-TPW-120A

### Luminaire Photometric Report

Filename: DEC-G30F-TPW-120A

Manufacturer: LEDTRONICS

Luminaire: FROSTED LENS, 120VAC, 1.1W

Luminaire Cat: DEC-G30F-TPW-120A

Lamp: LUMEN RATING: 55.8Lms.

Lamp Output: 1 lamp(s), rated lumens/lamp: 55.8

Max Candela: 5.1 at Horizontal: 0°, Vertical: 0°

Luminous Opening: Point

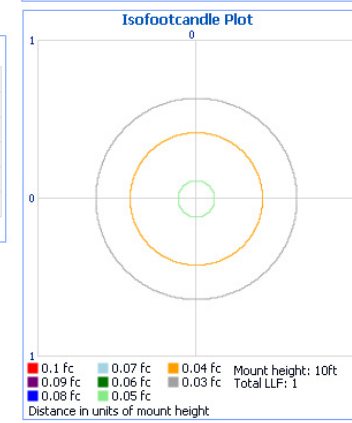
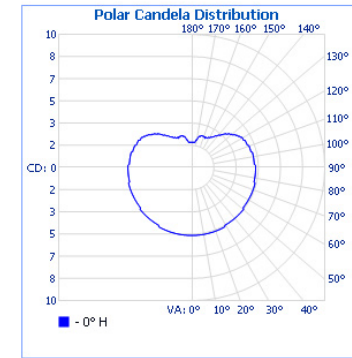
Test: 9-2-11

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	4.3	7.7%	7.7%
0-40	7.4	13.3%	13.3%
0-60	15.7	28.2%	28.1%
60-90	15.2	27.3%	27.3%
70-100	15.5	27.9%	27.8%
90-120	14.5	26%	26%
0-90	31.0	55.5%	55.5%
90-180	24.9	44.5%	44.5%
0-180	55.8	100%	100%

Illuminance at a Distance		
Center Beam FC	Beam Width	
1.7ft	1.84 fc	
3.3ft	0.46 fc	
5.0ft	0.20 fc	
6.7ft	0.11 fc	
8.3ft	0.07 fc	
10.0ft	0.05 fc	

Mount height: 10ft Total LLF: 1



**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.