



# 2.4 Watt LED Chandelier Bulb / E12 Candelabra Base

DEC02-B10E12(F)-xxW-120AW



Clear or Frosted B10 Flame-Tip Lens — Warm White 3000K / Filament White 2200K — 120VAC

Replaces Bulbs 20-25W – Up to 50,000 Hours Continuous Burn at a Fraction of Incandescent Power Costs

## FEATURES

- **Warranty:** 3 Years
- **Low Power Consumed:** Uses Less than 2.5 Watts
- **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*)
- **Easy Installation:** Direct Screw-in into Existing Edison 26mm Socket
- **Extra Durable:** Stabilized Polycarbonate, UV-Protected Lens – No Glass to Break
- **Solid-State:** High-Shock & High-Vibration Resistant, No Filaments to Break
- **Wide Ambient Operating Temp. Range:** ~-22°F to ~+122°F [~-30°C to ~+50°C]

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

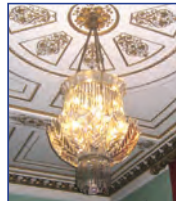
## BENEFITS

- **Major Energy Savings:** Over 90% Compared to 25 Watt Incandescents
- **Eco-Friendly:** No Mercury Content, Recyclable
- **Cool Operation:** Remains Cool to the Touch
- **Low Maintenance:** Much Longer Life Lowers Costs, Reduces Re-lamp Frequency
- **No Hazardous Emissions:** No UV or IR Radiation – Does Not Attract Insects



## APPLICATIONS

- Wall Sconces
- Picture Lights
- Night-light
- Chandelier Décor Lighting

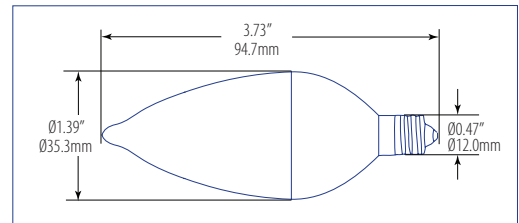


LEDtronics chandelier bulbs used in the Buckingham Palace

## CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- Other Voltages and Colors
- Other Base Types and Sizes
- 1.2-Watt Replacement for 12-Watt Incandescent Bulbs



## SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	INPUT VOLTAGE	INPUT CURRENT	ENERGY USED	TOTAL LUMENS	SPHERICAL CANDELA	EFFICACY	COLOR TEMP.	EMITTED COLOR
<b>WATERCLEAR LENS</b>								
DEC02-B10E12-SFW-120AW	120VAC	0.018 A	2.1 Watts	69.3 lm	5.51 scp	33 lm/W	2200K	"Filament" White
DEC02-B10E12-SIW-120AW	120VAC	0.018 A	2.1 Watts	101.6 lm	8.08 scp	48 lm/W	3000K	Warm White
<b>FROSTED LENS</b>								
DEC02-B10E12F-SFW-120AW	120VAC	0.018 A	-	-	-	-	2200K	"Filament" White
DEC02-B10E12F-SIW-120AW	120VAC	0.018 A	2.1 Watts	76.2 lm	8.1 scp	36 lm/W	3000K	Warm White

**LEDTRONICS®**  
Creating the Future of Light Since 1983™

© 2013 LEDtronics, Inc.



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

## 2.4 Watt LED Chandelier Bulb / E12 Candelabra Base

DEC02-B10E12F-SIW-120AW

### Luminaire Photometric Report

Filename: DEC02-B10E12F-SIW-120AW

Manufacturer: LEDTRONICS -

Luminaire: WITH FROSTED LENS, 120VAC, 2.1W

Luminaire Cat: DEC02-B10E12F-SIW-120AW

Lamp: . LUMEN RATING: 76.2Lms.

Lamp Output: 1 lamp(s), rated lamp lumens: 76.2

Max Candela: 8.1 at Horizontal: 0, Vertical: 87

Luminous Opening: Point

Test: 9-1-09

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	3.1	4.1%	4.1%
0-40	6.3	8.2%	8.2%
0-60	16.8	22.1%	22.1%
60-90	24.4	32%	32%
0-90	41.2	54.1%	54.1%
90-180	35.0	45.9%	45.9%
0-180	76.2	100%	100%

Total Efficiency: 100%

#### Illuminance at a Distance

	Center Beam FC	Beam Width
0.8ft	<b>3.74 fc</b>	
1.7ft	<b>0.94 fc</b>	
2.5ft	<b>0.42 fc</b>	
3.3ft	<b>0.23 fc</b>	
4.2ft	<b>0.15 fc</b>	
5.0ft	<b>0.10 fc</b>	

