

Data Sheet

Dynasty® Z Dimmable Candelabra LED Lamps



Product Description

The Dynasty® Z Dimmable Candelabra LED Lamp is an expansion of CAO's Dynasty® Candelabra series with improved performance and dimming capability. Designed for a 120 VAC, 50 to 60Hz power system, they can be installed into any standard E12 or E14 socket. They are designed with CAO Group's patented Dynasty® Z High Flux LEDs, which are energy efficient, vibration resistant and features a multi-directional beam pattern, making it ideal for general lighting and decorative lighting applications. For more Dynasty® based lighting products, look for the Butterfly!



Applications

- Chandeliers
- Wall sconces
- Carriage lights
- Vanity lights

Benefits

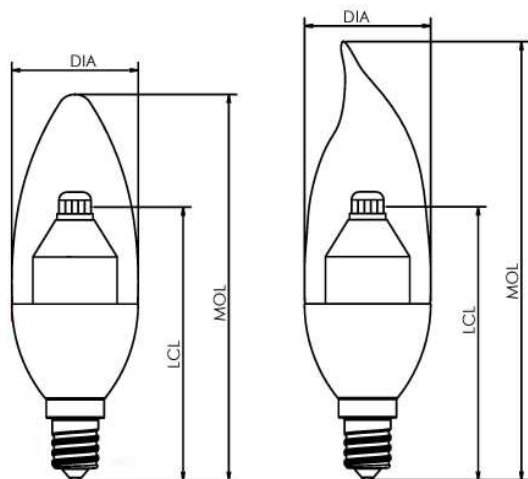
- Up to 90% energy cost savings
- Reduces maintenance costs
- 4 year warranty
- Environmentally safe, RoHS compliant
- Low carbon footprint

Features

- TRIAC dimmable
- Can dim down to 1%*.
- Vibration resistant
- Equivalent to 30 watt incandescent lamps
- 120 VAC input
- Unique Butterfly-Beam™ (360° horizontal, 275° vertical)
- Exact BA10 footprint/shape
- Glass bulb available in bent and blunt tips, and clear and frosted lenses.

*Note: For some dimmers.

Mechanical Dimensions



Blunt Tip

Bent Tip

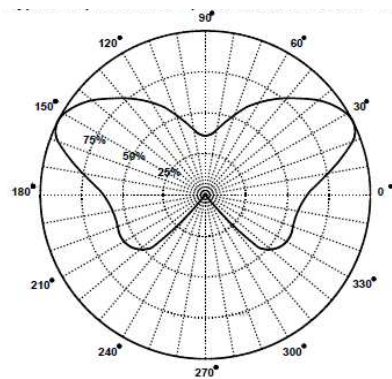
Dimension	Description	Bent Tip		Blunt Tip	
		Inch	Millimeter	Inch	Millimeter
MOL	Maximum Overall Length	4.13±0.04	105.0±1.0	4.02±0.04	102.0±1.0
LCL	Light Center Length	2.56±0.04	65.0±1.0	2.56±0.04	65.0±1.0
DIA	Maximum Diameter	1.26±0.04	32.0±1.0	1.26±0.04	32.0±1.0

Note: Dimensions are for reference only.

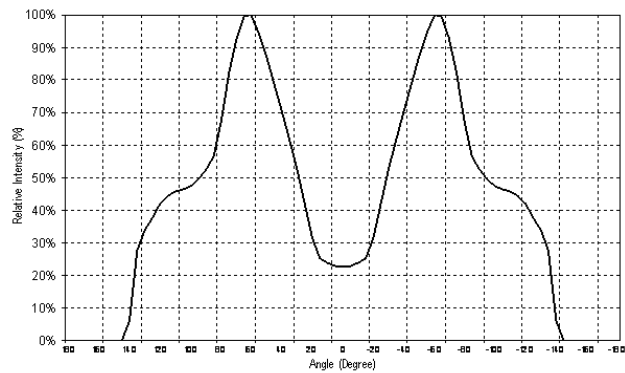
Optical / Electrical Specifications

Product Number	Bulb	Base	Watt	CCT	Lumens	CRI	Input Voltage	Dimming	Power Factor	Amps	Warranty
31031-27	Clear Glass, Bent Tip	E12	3.4W	2700 K	180	82	120 VAC	TRIAC Dimmable	0.73	0.045	4 Years
31032-27	Frosted Glass, Bent Tip	E12	3.4W	2700 K	165	82	120 VAC	TRIAC Dimmable	0.73	0.045	4 Years
31041-27	Clear Glass, Blunt Tip	E12	3.4W	2700 K	180	82	120 VAC	TRIAC Dimmable	0.73	0.045	4 Years
31042-27	Frosted Glass, Blunt Tip	E12	3.4W	2700 K	165	82	120 VAC	TRIAC Dimmable	0.73	0.045	4 Years

Butterfly-Beam™ Profile



3D Spatial Radiation Pattern



Vertical Spatial Radiation Pattern

Warranty

- CAO Group, Inc. warrants its Dynasty Z Candelabra products for FOUR years from the date of purchase. Please contact the distributor where the products were purchased for any returns. CAO Group, Inc. is not responsible for quality issues caused by improper maintenance and handling of our products.

Dynasty® Z Dimmable Candelabra LED Lamps are covered under the following patents: US6,465,961, US6,634,770, US6,746,885, and pending US and international patents.

www.caogroup.com/ssl

For product information and a complete list of sales representatives, please go to our website. For technical assistance call:

US/Canada: +1 (877) 877-9778 or (801) 256-9282

Data subject to change. Copyright reserved by CAO Group, Inc. No part of this datasheet may be reproduced in any form without the permission from the publisher.

31xxx series, rev. 1, April 17, 2013