

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

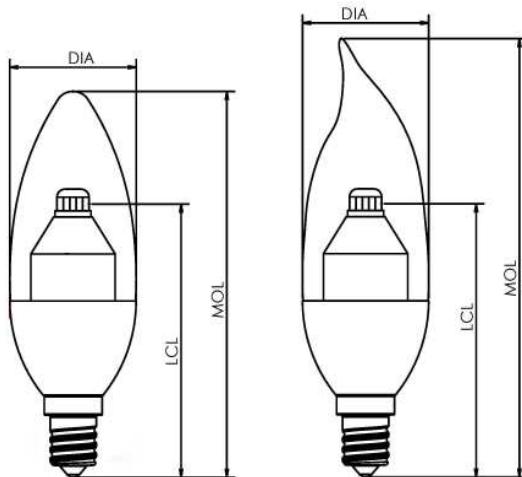
- Up to 90% energy cost savings
- Reduces maintenance costs
- 4 year warranty
- Environmentally safe, RoHS compliant
- Low carbon footprint

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

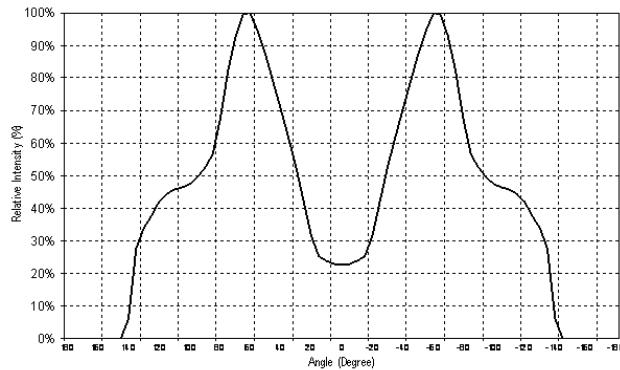
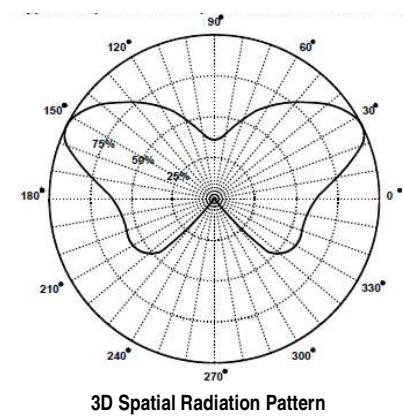
| Dimension | Description | Bent Tip | | Blunt Tip | |
|-----------|------------------------|-----------|------------|-----------|------------|
| | | Inch | Millimeter | Inch | Millimeter |
| MOL | Maximum Overall Length | 4.13±0.04 | 105.0±1.0 | 4.02±0.04 | 102.0±1.0 |
| LCL | Light Center Length | 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



Warranty

- CAO Group, Inc. warranties 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

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