

# B13 Series

LED Lamps

## Product Description

At Cree®, we believe in better lighting. Better light is beautiful light. But it's more than just beautiful. It is light that makes you feel more productive, more relaxed and safer. Better light changes everything. That's why the new and improved Cree LED bulbs feature high color rendering that enhances your space and makes the colors of your décor appear vibrant, richer and more natural – true colors the way they are meant to be experienced.

The Cree® LED B13 Series bulbs deliver up to 345 lumens of soft white 2700K light while consuming at least 88% less energy than the incandescent bulbs they replace. These lamps feature a consistent and balanced light source, turn on instantly, and are compatible with most standard incandescent dimmers; no buzz, no hum. The Cree® LED B13 Series bulbs are ENERGY STAR® certified and are designed to last 25,000 hours.

## Performance Summary

**Lamp Delivered Light Output:** 240-345 lumens

**Input Power:** 3.1 watts (25W equivalent); 5.0 watts (40W equivalent)

**CRI:** 90+

**CCT:** 2700K; 2700K-1800K Dimming

**Limited Warranty\*:** 5 years Commercial use

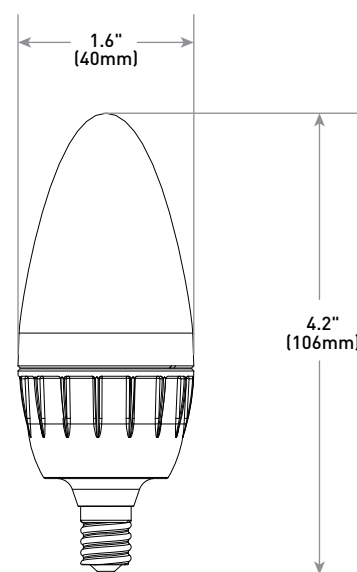
**Lifetime:** Designed to last at least 25,000 hours

**Dimming:** Dimmable to 5% with select dimmers

ENERGY STAR® Certified

Must order in multiples of master carton (MC) quantities; MC = [54] Single-Lamp Cartons

\* See <http://lighting.cree.com/warranty> for warranty terms



## Ordering Information

Example: B13-25W-27K-CLD-U1

B13		27K				CLD	U1
Product	Watt Equivalent	CCT	Voltage	Base	CRI	Controls/Dimming	Packaging
B13	25W 25 Watt, 240 lumens 40W 40 Watt, 345 lumens	27K 2700K	Blank 120 Volt	Blank E12 (candelabra base)	Blank 90+	CLD Candlelight Dimming	U1 Single-Lamp Carton Master Carton = [54] Single-Lamp Cartons



US: [lighting.cree.com](http://lighting.cree.com)



T (800) 236-6800 F (262) 504-5415



Rev. Date: V3 05/01/2017

Canada: [www.cree.com/canada](http://www.cree.com/canada)



T (800) 473-1234 F (800) 890-7507

## B13 Series LED Lamps

### Product Specifications

#### CONSTRUCTION & MATERIALS

- B13-type bulb design weighs 2.9 ounces (82g)
- Bulb meets ANSI standards for B13 dimensions
- Uses a standard E12 candelabra base
- Mercury free
- **Dimensions:** 4.875" H x 1.75" W x 1.75" D (Single-Lamp Carton); 6.0" H x 12.0" W x 15.75" D (Master Carton)

#### OPTICAL SYSTEM

- Plastic B13 offers decorative optical spread

#### ELECTRICAL SYSTEM

- **Power Factor:** > 0.9 nominal
- **Input Voltage:** 120V, 60Hz
- **Dimming:** Dimmable to 5% with select dimmers. Refer to <https://www.creelink.com/viewcontent.asp?qv=1&docid=5344> for additional details
- **Operating Temperature Range:** -25°C - +45°C (-13°F - +113°F)

#### REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for damp locations, but not for use where exposed directly to weather or water
- Do not use in multi-bulb enclosed fixtures together with other bulb technologies (e.g. incandescent, halogen, CFL, etc.)
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- ENERGY STAR® certified. Please refer to <http://www.energystar.gov/productfinder/product/certified-light-bulbs/> results for most current information  
B13-25W-27K-CLD-U1  
B13-40W-27K-CLD-U1
- RoHS compliant. Consult factory for additional details

### Packaging

(54) Single-Lamp Cartons in Master Carton (54 Total Lamps)



Ordering Number	Single-Lamp Carton UPC	Description	Bulb Type	Watts	CCT	Single-Lamp Cartons per Master Carton	Master Carton ITF-14	Total Lamps per Master Carton	Master Cartons per Pallet Qty	CRI	Lumens	Rated Life (Hrs)
B13-25W-27K-CLD-U1	849665017608	25W Soft White E12 Equivalent	B13	3.1	2700K	54	10849665017605	54	63	90+	240	25,000
B13-40W-27K-CLD-U1	849665017615	40W Soft White E12 Equivalent	B13	5.0	2700K	54	10849665017612	54	63	90+	345	25,000