

BR40 Series

LED Reflector 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 BR40 flood light casts a beautiful light that looks and lights like the incandescent bulbs you love. Dimmable with most standard dimmers, Cree LED BR40 flood lights shine wide and bright, while using at least 85% less energy and are designed to deliver up to 25,000 hours of light for your home or business. The perfect replacement for incandescent bulbs in track and recessed fixtures at a price you can afford, Cree LED bulbs pay for themselves quickly and then pay you year after year.

Performance Summary

Lamp Delivered Light Output: 1,120 - 1,800 lumens

Input Power: 12.0-12.5 watts (85W equivalent), 21.5 watts (120W equivalent)

CRI: 85 CRI (85W equivalent), 90 CRI (120W equivalent)

CCT: 2700K, 5000K (85W Only)

Limited Warranty*: 5 years Commercial use

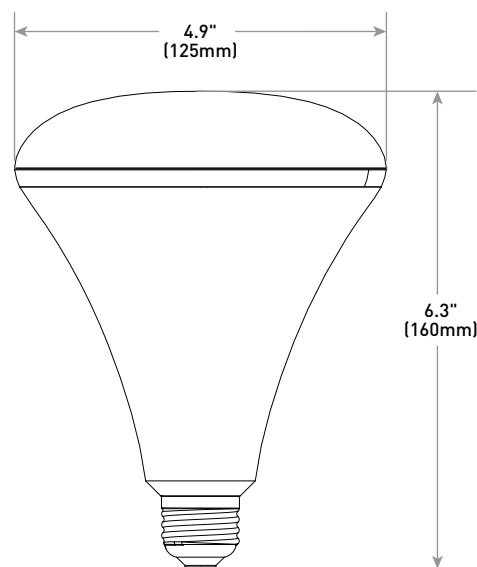
Lifetime: Designed to last at least 25,000 hours

Dimming: Dimmable to 5% with select dimmers

ENERGY Star® Certified

Must order in multiples of master carton (MC) quantities; MC = (5) Single-Lamp Cartons

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



Ordering Information

Example: BR40-85W-27K-U1

| BR40 | | | | | | U1 |
|---------|---|------------------------------|-------------------|---------------------------|---|--|
| Product | Watt Equivalent | CCT | Voltage | Base | CRI | Packaging Options |
| BR40 | 85W 85 Watt, 1,120 lumens 120W 120 Watt, 1,800 lumens - Available in 27K only | 27K 2700K 50K 5000K | Blank 120 Volt | Blank E26 (screw base) | Blank 85 CRI (85W equivalent); 90 CRI (120W equivalent) | U1 Single-Lamp Carton Master Carton = (5) Single-Lamp Cartons |



US: lighting.cree.com



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Canada: www.cree.com/canada



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

BR40 Series LED Reflector Lamps

Product Specifications

CONSTRUCTION & MATERIALS

- BR40 reflector bulb design weighs
- 85W equivalent weighs 10.1 ounces (286g); 120W equivalent weighs 15.0 ounces (426g)
- Reflector bulb meets ANSI standards for BR40 dimensions
- Uses a standard E26 screw base
- Mercury free
- **Dimensions:** 6.5" H x 5.0" W x 5.0" D (Single-Lamp Carton); 6.0" H x 12.0" W x 15.75" D (Master Carton)

OPTICAL SYSTEM

- Plastic lens offers increased 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
- Suitable for use in enclosed light fixtures. Lifetime may be reduced if used in air tight enclosures or in insulated ceiling air tight (ICAT) recessed downlight enclosures
- 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
BR40-85W-27K-U1
BR40-85W-50K-U1
BR40-120W-50K-U1
- RoHS compliant. Consult factory for additional details

Packaging

(5) Single-Lamp Cartons in Master Carton (5 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) |
|------------------|------------------------|---------------------------------|-----------|-------|-------|---------------------------------------|----------------------|-------------------------------|-------------------------------|-----|--------|------------------|
| BR40-85W-27K-U1 | 849665017646 | 85W Soft White BR40 Equivalent | BR40 | 12.5 | 2700K | 5 | 10849665017643 | 5 | 70 | 85 | 1,120 | 25,000 |
| BR40-85W-50K-U1 | 849665017653 | 85W Daylight BR40 Equivalent | BR40 | 12.0 | 5000K | 5 | 10849665017650 | 5 | 70 | 85 | 1,120 | 25,000 |
| BR40-120W-27K-U1 | 849665019046 | 120W Soft White BR40 Equivalent | BR40 | 21.5 | 2700K | 5 | 10849665019043 | 5 | 70 | 90 | 1,800 | 25,000 |