

BR30 Series

Cree Professional 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 90+ CRI Cree Professional Series LED bulbs feature high color rendering that enhances your space and makes the colors of your decor appear vibrant, richer and more natural – true colors the way they are meant to be experienced.

The Cree® Professional Series LED BR30 bulbs deliver up to 1,400 lumens of 2700K, 3000K, 4000K or 5000K light while consuming at least 84% less energy than the incandescent bulbs they replace. The Cree® LED BR30 flood light offers high quality 90+ CRI light in a durable SMT bulb. The perfect replacement for incandescent bulbs in track and recessed fixtures, Cree LED bulbs are dimmable with most standard dimmers. Cree's Energy Star rated LED BR30 flood lights use at least 88% less energy than incandescent lamps and are designed to deliver up to 35,000 hours of light for residential or commercial applications.

Performance Summary

Lamp Delivered Light Output: 665-1,400 lumens

Input Power: 65W Replacement : 8.8 watts; 100w Replacement: 16 watts

CRI: >90

CCT: 65W Replacement : 2700K, 3000K, 4000K
100W Replacement: 2700K, 3000K, 5000K

Limited Warranty*: 5 years Commercial use

Lifetime: Designed to last at least 35,000 hours (65W equivalent) or 25,000 hours (100W equivalent)

Dimming: Dimmable to 5% with select dimmers*

ENERGY STAR® Certified, CEC California Title 20 Compliant

Can be ordered in Single Lamp Cartons (65W - Master Carton Quantity = 24, 100W Master Carton Quantity = 12)

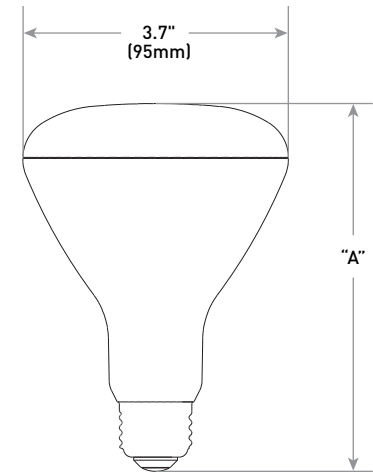
* See <http://lighting.cree.com/warranty> for warranty terms

* See <http://lighting.cree.com> For Dimmer Information

65W



100W



Wattage	Dim. "A"
65W	5.0" (128mm)
100W	5.2" (132mm)

Ordering Information

Example: For 65W: BR30-65W-27K-U1

For 100W: BR30-100W-P1-27K-E26-U1

BR30							U1
Product	Watt Equivalent	Series	CCT	Voltage	Base	CRI	Packaging Options
BR30	65W 65 Watt, 665 lumens 100W 100 Watt, 1,400 lumens	Blank 65W Series Only P1 100W Only Professional Series 1st Generation	27K 2700K 30K 3000K 40K 4000K 50K 5000K - Available with 65W only - Available with 100W only	Blank 120 Volt	Blank E26 (screw base) - 65W Only E26 E26 (screw base) - 100W Only	Blank >90 CRI	U1 Single-Lamp Carton 65W - Master Carton = 24 Single Lamp Cartons 100W - Master Carton = 12 Single Lamp Cartons



Rev. Date: V1 10/04/2018



BR30 Pro Series LED Lamps

Product Specifications

CONSTRUCTION & MATERIALS

- BR30 reflector bulb design
- 65W equivalent weighs 5.6 ounces (159g); 100W equivalent weighs 4 ounces (113g)
- Reflector bulb meets ANSI standards for BR30 dimensions
- Uses a standard E26 screw base
- Mercury free
- **Dimensions:** For **65W:** 5.0" H x 3.75" W x 3.75" D (Single-Lamp Carton); 6.0" H x 12.0" W x 15.75" D (Master Carton). For **100W:** 5.3" H x 4" W x 4" D (Single Lamp Carton); 5.9" H x 12.6" W x 16.6" 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
- ENERGY STAR® certified. Please refer to <http://www.energystar.gov/productfinder/product/certified-light-bulbs/results> for most current information
BR30-65W-27K-U1
BR30-65W-30K-U1
BR30-65W-40K-U1
BR30-100W-P1-27K-E26-U1
BR30-100W-P1-30K-E26-U1
BR30-100W-P1-50K-E26-U1
- CEC California Title 20 JA-8 Certified
- Meets FCC Part 15, Subpart B, Class B standards for conducted and radiated emissions
- RoHS compliant. Consult factory for additional details
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm - www.p65warnings.ca.gov

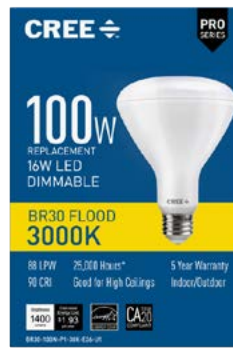
Packaging

65W : (24) Single-Lamp Cartons in Master Carton (24 Total Lamps)
100W : (12) Single-Lamp Cartons in Master Carton (12 Total Lamps)

65W



100W



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)
BR30-65W-27K-U1	849665019947	65W Soft White BR30 Equivalent	BR30	8.8	2700K	24	10849665019944	12	63	90	665	35,000
BR30-65W-30K-U1	849665020028	65W Bright White BR30 Equivalent	BR30	8.8	3000K	24	10849665020025	12	63	90	665	35,000
BR30-65W-40K-U1	849665020042	65W Cool White BR30 Equivalent	BR30	8.8	4000K	24	10849665020049	12	63	90	665	35,000
BR30-100W-P1-27K-E26-U1	849665023258	100W Soft White BR30 Equivalent	BR30	16	2700K	12	10849665023255	12	64	>90	1,400	25,000
BR30-100W-P1-30K-E26-U1	849665023265	100W Bright White BR30 Equivalent	BR30	16	3000K	12	10849665023262	12	64	>90	1,400	25,000
BR30-100W-P1-50K-E26-U1	849665023272	100W Daylight BR30 Equivalent	BR30	16	5000K	12	10849665023279	12	64	>90	1,400	25,000