

# R20 Series

Cree Professional Series LED Lamps

PRO  
SERIES

## Product Description

The Cree Professional Series® R20 reflector LED bulb for Bright, Light with a uniform look and feel. The Cree® R20 is an ideal choice where a directed beam of light is needed to accentuate art work or specific areas of a space. In addition this LED bulb delivers a beautiful, bright white light with a high color fidelity that makes colors look the way they were intended.

With 50w and 75w replacement options, the Cree R20 LED bulb provides better light, better lifetime, better dimming, all backed by a better warranty. Fully dimmable and built to light and last, the new Cree R20 LED bulb provides full LED lifetime (25,000 hours) of beautiful, 90 CRI energy-efficient light.

## Performance Summary

**Lamp Delivered Light Output:** 560-980 lumens

**Input Power:** 50W Replacement: 7 watts , 75W Replacement: 13 watts

**CRI:** >90

**CCT:** 2700K, 5000K

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

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

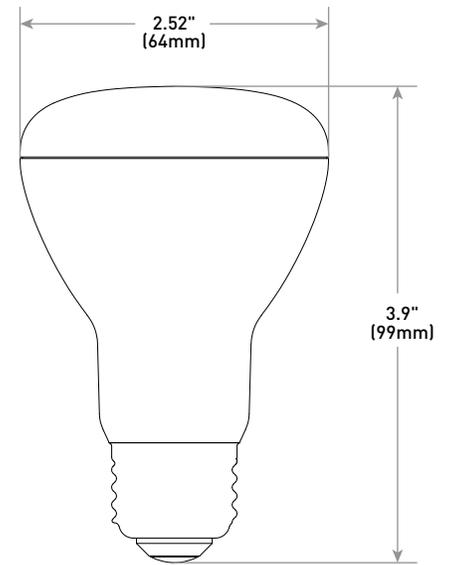
**Dimming:** Dimmable to 5% with select dimmers

ENERGY STAR® Certified, CEC California Title 20 Compliant

Designed to fit 4" recessed housing

Can be ordered in Single Lamp Cartons (Master Carton Quantity = 12)

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



## Ordering Information

Example: R20-75W-P1-27K-U1

R20		P1			E26		U1
Product	Watt Equivalent	Series	CCT	Voltage	Base	CRI	Packaging Options
R20	50W 50 Watt, 560 lumens 75W 75 Watt, 980 lumens	P1 Professional Series 1 <sup>st</sup> Generation	27K 2700K 50K 2700K	Blank 120 Volt	E26 Edison Base	Blank >90 CRI	U1 Single-Lamp Carton Master Carton = 12 Single-Lamp Cartons



Rev. Date: V1 10/04/2018



# R20 Pro Series LED Lamps

## Product Specifications

### CONSTRUCTION & MATERIALS

- R20-type bulb design weighs 3 ounces (85g)
- E26 Medium standard screw type base
- Bulb meets ANSI standards for R20 dimensions
- Mercury free
- **Dimensions:** 4.1" H x 2.8" W x 2.8" D (Single Lamp Carton); 4.8" H x 9.1" W x 11.9" D (Master Carton)

### OPTICAL SYSTEM

- Plastic lens offers increased optical spread

### ELECTRICAL SYSTEM

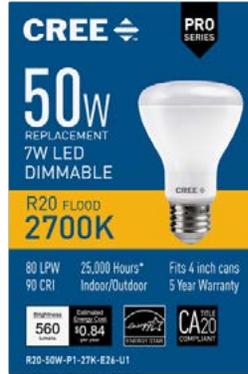
- **Power Factor:** > 0.9 nominal
- **Input Voltage:** 120V, 60Hz
- **Dimming:** Dimmable to 5% with select dimmers. Visit [lighting.cree.com/dimming](http://lighting.cree.com/dimming)
- **Operating Temperature Range:** -25°C - +45°C (-13°F - +113°F)

### REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for damp locations; 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  
R20-50W-P1-27K-E26-U1  
R20-50W-P1-50K-E26-U1  
R20-75W-P1-27K-E26-U1  
R20-75W-P1-50K-E26-U1
- RoHS compliant. Consult factory for additional details
- CEC California Title 20 JA-8 Certified
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

## Packaging

Master Carton = 12 Single Lamp Cartons



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)
R20-50W-P1-27K-E26-U1	849665023180	50W Soft White R20 Equivalent	R20	7	2700K	12	10849665023187	12	153	>90	560	25,000
R20-50W-P1-50K-E26-U1	849665023197	50W Daylight R20 Equivalent	R20	7	5000K	12	10849665023194	12	153	>90	560	25,000
R20-75W-P1-27K-E26-U1	849665023203	75W Soft White R20 Equivalent	R20	13	2700K	12	10849665023200	12	153	>90	980	25,000
R20-75W-P1-50K-E26-U1	849665023210	75W Daylight R20 Equivalent	R20	13	5000K	12	10849665023217	12	153	>90	980	25,000