

A21 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 A21 bulbs deliver up to 1,700 lumens of soft white 2700K light or 5000K daylight, while consuming at least 84% less energy than the incandescent bulbs they replace. These lamps feature a consistent and balanced omnidirectional light source within a plastic bulb, turn on instantly, and are compatible with most standard incandescent dimmers. The Cree® LED A21 bulbs are designed to last 15,000 hours.

Performance Summary

Lamp Delivered Light Output: 1,650-1,700 lumens

Input Power: 15-16.5 watts (100W equivalent)

CRI: 85

CCT: 2700K, 5000K

Limited Warranty†: 5 years Commercial use

Lifetime: Designed to last at least 15,000 hours

Dimming: Dimmable to 5% with select dimmers

ENERGY Star® Certified

Must order in multiples of master carton (MC) quantities; MC = (6) Blister Packs (6 Total Lamps)



Ordering Information

Example: A21-100W-27K-B1

A21	100W					B1
Product	Watt Equivalent	CCT	Voltage	Base	CRI	Packaging Options
A21	100W 100 Watt, 1,650-1,700 lumens	27K 2700K 50K 5000K	Blank 120 Volt	Blank E26 (screw base)	Blank 85	B1 (1) Blister Pack; MC = (6) Blister Packs (6 Total Lamps)



Rev. Date: V6 09/14/2016



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Product Specifications

CONSTRUCTION & MATERIALS

- A-type bulb design uses a standard E26 screw base
- Bulb meets ANSI standards for A21 dimensions
- Mercury free

OPTICAL SYSTEM

- Omnidirectional light distribution
- Plastic globe 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
- Do not use in enclosed fixtures or recessed cans
- 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
A21-100W-27K-B1: SA21-16027MDFD-12DE26-1-11
A21-100W-50K-B1: SA21-16050MDFD-12DE26-1-11
- RoHS compliant. Consult factory for additional details

Packaging

(6) Blister Packs in Master Carton (6 Total Lamps)



Ordering Number	Product Number	Blister Pack UPC	Description	Bulb Type	Watts	CCT	Blister Packs per Master Carton	Master Carton ITF-14	Total Lamps per Master Carton	Pallet Qty	CRI	Lumens	Rated Life (Hrs)
A21-100W-27K-B1	SA21-16027MDFD-12DE26-1-11006S0	849665012191	100W Soft White A21 Equivalent	A21	16.5	2700K	6	10849665012198	6	480	85	1,650	15,000
A21-100W-50K-B1	SA21-16050MDFD-12DE26-1-11006S0	849665012214	100W Daylight A21 Equivalent	A21	15	5000K	6	10849665012211	6	480	85	1,700	15,000