



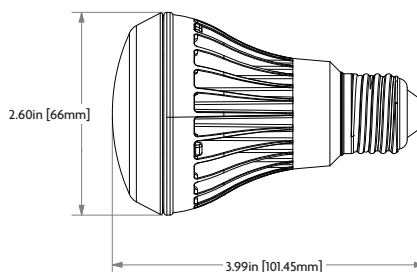
DEFINITY™ BR20

BENEFITS

- Dimmable to 5% of light on most dimmers.²
- 8 watts – 84% more efficient than comparable BR incandescent lamps.
- Maintenance free operation, lasts up to 16 times longer than conventional lighting.
- Optical design achieves smooth beam pattern to achieve a warm room filling glow for general illumination applications.
- RoHS compliant – contains no mercury or lead.

FEATURES¹

Equivalent Source	50W Incandescent BR
L70 lumen depreciation design criteria	up to 50,000 hours
Housing	Aluminum
Socket	E26
Operating Temperature	-20° C to +40° C
E26 MOL	3.99in, 101.45mm
Voltage	120 VAC
Weight	13.8 oz, .39 kg
Power Factor	≥90
Warranty	5 year limited






Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.

¹ Values are nominal, advances from further innovation, specifications are subject to change.

² See dimmer compatibility chart page on next page.

ORDERING INFORMATION \ \ DFN BR20 WW 120

Family	Product	Color (CCT)	Voltage
DFN Definity	BR20 BR20	W27 Warm White 2700K	120 120 Volt
		WW Warm White 3000K	
		NW Neutral White 4000K	
		CW Cool White 5000K	
<div>CERTIFICATIONS NORTH AMERICA</div> <div><div>RoHS COMPLIANT 2002/95/EC</div><div>c UL US LISTED</div><div>FCC</div></div>		ENVIRONMENT	
		BR20 Diameter & MOL	
		E26 MOL: 3.99in, 101.45mm	
		E26 Diameter: 3.78in, 96.01mm	



DIMMER CAPABILITIES

LUTRON DIMMERS: ADRIANI AY-600; Interfaces PHPM-WBX w/DVF-103P; Panel Module Grafik Eye; Radio Ra RRD-6NA; Lutron HW-RPM-4U-120, QSG-6P, LP-RPM-4U-120, S-600PR-WH, DV-600PR, DV-600, DVLV-600, NLV-600, TG-600PR, AY600P, GL600, DV-603PG, S-600, S-600P, LG-600P, D-600PH, TG-603PG, DV-600PR, MAELV-600 **OTHER DIMMERS:** Ace 34050, 3027596 Leviton 6633-PL, 6684, 6631, IPI06-ILX Legrand DrRD4W

Recommended number of lamps per 600 watt dimmer³

While an LED lamp may draw as few as 10 watts continuously, it could have an in-rush current spike (maximum, instantaneous input) which may limit the number of lamps you can install on one dimmer. The following table provides a recommended maximum quantity of DEFINITY lamps that should be used on a typical approved 600W dimmer.

Ex: Max number of A19 60W lamps, with an 80W in-rush, that can be used on 600W dimmer = 7

DFN LED Lamp	Lamp In-Rush Current Equivalent	Max # of Lamps per 600W Dimmer
BR20	80W	7

BR20 ★

Part Number	Wattage	Base Type	Lumens	Voltage	Efficacy	CRI
DFN BR20 NW 120	8W	E26	475	120	59	80
DFN BR20 WW 120	8W	E26	465	120	58	80
DFN BR20 W27 120	8W	E26	465	120	58	80
DFN BR20 CW 120	8W	E26	525	120	66	67

NW: Neutral White WW: Warm White W27: Warm White 2700K CW: Cool White



Visit www.lsgc.com/energystar for list of ENERGY STAR qualified lamps.



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² Dimmer compatibility list indicates those dimmers that have been tested and operate properly under normal conditions. In certain cases, approved dimmers are offered in higher wattage varieties that are also compliant and allow the installation of additional lamps if kept within the maximum inrush current equivalent provided in the table. Each application is unique and various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Consult dimming system manufacturer for additional support in operation.

Cautions

- Turn power off before inspection, installation, or removal.
- Risk of Electric Shock – Do not use where directly exposed to water or weather
- For use in recessed fixtures.
- Suitable for use in indoor-dry and damp locations only.
- Do not open – no user serviceable parts inside.
- North America use on 120VAC, 50 - 60 Hz circuits.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.
- Added weight of the device may cause instability of a free-standing portable Luminaire.
- This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.