

Catalog # Prepared By Date Project Comments



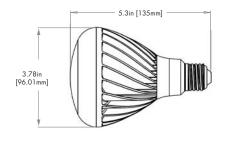
## **FEATURES**<sup>1</sup>

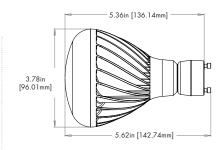
<b>Equivalent Source</b> Standard	Up to 65-75W Incandescent BR		
L70 lumen depreciation design criteria	50,000 hours		
Early Submission ENERGY STAR Life <sup>3</sup>	25,000 hours		
Housing	Aluminum		
Socket	E26/GU24		
Operating Temperature	-20°C to +40°C		
E26 MOL	5.3in, 135mm		
GU24 MOL	5.62in, 142.74mm		
Voltage	120 VAC		
Weight	13.8 oz, .39 kg		
Power Factor	≥.70		
Warranty	5 year limited		

# DEFINIT

#### **BENEFITS**

- Dimmable to 5% of light on most dimmers.<sup>2</sup>
- 14 watts 80% more efficient than comparable incandescent lamps.
- Maintenance free operation, lasts up to 25 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.





**E26 BASE** 

**GU24 BASE** 

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.

3 Early Submission ENERGY STAR Life = 25,000 hours [L70 lumen depreciation design criteria = 50,000 hours.) For directional lamps, Energy Star early submission dictates that manufacturers can only claim 25,000 hour life with 3000 hour actual life test data, 6,000 hour LM80 data and in-situ temperature measurements. Once a product has been fully qualified, manufacturers may increase the lifetime of a product by demonstrating full compliance with the ENERGY STAR criteria at the new lifetime with Lumen Maintenance at the minimum required test period. Refer to Energy Star website.

### ORDERING INFORMATION \\ DFN BR30 WW 120



OKDEKII 10 I			( DITT DROG VVV 120						
Family	Product	Color (CCT)		Voltage	Э	Base			
<b>DFN</b> Definity	BR30 BR30	W27	War	rm White 2700K	<b>120</b> 120 Volt		(leave blank for E26 base)		
		WW	War	rm White 3000K			GU24	GU24	
		NW Neutral White 4000K							
		CW	Coo	l White 5000K					
NORTH AMERICAN ENVIRONMENT				BR30 DIAMETER & MOL					
CERTIFICATIONS  ROHS ROHS USTED USTED			DAMP		E26 MOL: 5.3in, 135mm			E26 Diameter: 3.78in, 96.01mm	
						GU24 MC	DL: 5.62in, 142.74mm	GU24 Diameter: 3.78in, 96.01mm	
COMPUANT LISTED				D7 (141)					



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#### 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, DV-600PR-WH, DV-600, DVLV-600, NLV-600, TG-600PR, AY600P, GL600, DV-603PG, S-600, S-600P, LG-600P, D-600PH, TT-300NLH, TG-603PG, DV-600PR, MAELV-600 OTHER DIMMERS: Ace 34050, 3027596 Leviton 6633-PL, 6684, 6631, IPI06-1LX Legrand DrRD4W

#### GP30 0

Part Number	Base Type	Wattage	Lumens	Voltage	Efficacy	CRI
DFN BR30 NW 120	E26/GU24	14W	844	120	60	80
DFN BR30 WW 120	E26/GU24	14W	815	120	58	80
DFN BR30 W27 120	E26/GU24	14W	800	120	57	80
DFN BR30 CW 120	E26/GU24	14W	895	120	64	67

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

# Recommended number of lamps per 600 watt dimmer<sup>1</sup>

While an LED lamp may draw as few as 10 watts continuously, it could have an inrush 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
GP30	75W	8



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



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1 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 injusts current equivalent provided in the table 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

# **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 1'5 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.



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