LightingScience
Welcome to the Light Ages™

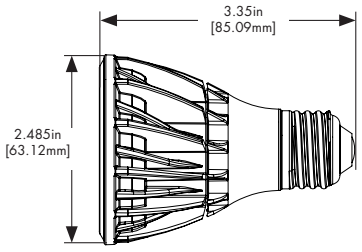
DEFINITY™ PAR20

BENEFITS

- Higher efficacy offers more light while consuming less power.
- Only 8W - Requires 84% less power than comparable 50W incandescent or halogen lamps.
- Thermal advancements provide over 25% in weight reductions compared to previous model.
- Dimmable to 5% of light output on most dimmers.
- Four available color temperatures and two available beam angles offer a multitude of combinations to fit almost any need or application.
- Suitable for wet locations.
- Maintenance free operation, lasts up to 16x longer than halogen lighting.
- RoHS Compliant - Contains no Mercury or Lead.

FEATURES[1]

Equivalent Source Standard	Up to 50W Halogen
L70 lumen depreciation design criteria	50,000 hours
Housing	Thermal Conductive Plastic
Socket	E26
Beam Spread Flood, Narrow Flood	40˚, 25˚
Operating Temperature	-20°C to +40°C
E26 MOL	3.35 in, 85.09mm
Voltage	120VAC
Weight	0.243lbs., 110g
Power Factor	≥.94
Warranty	5 year limited



E26 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.

NAFTA COMPLIANT
This product qualifies as an originating good under the terms of NAFTA.

ORDERING INFORMATION \\ DFN 20 50WE WW HE FL 120

Family	Product	Watt Equivelant	Color (CCT)	Light Output	Distribution	Voltage
DFN Definity	**20** PAR20	**50WE** 50W Equivelant	**W27** Warm White 2700K	**HE** High Efficacy	**FL** Flood	**120** 120 Volt
			WW Warm White 3000K		**NFL** Narrow Flood	
			NW Neutral White 4000K			
			CW Cool White 5000K			

NORTH AMERICAN CERTIFICATIONS

RoHS COMPLIANT 2002/95/EC · ETL Intertek · FC

ENVIRONMENT

WET

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877-999-5742 | www.lsgc.com
1227 South Patrick Drive | Satellite Beach, FL 32937

PAR20

DIMMER CAPABILITIES

COOPER DIMMERS: DLC03P

LUTRON DIMMERS:TG-600PH-WH, S-600P-WH, NT-600-WH, SLV-600P-WH, DV-600P-WH,

LEVITON DIMMERS: 6631-LW

PAR20

Part Number	Base Type	Wattage	Beam Angle[1]	Lumens	Voltage	Efficacy	CRI	CBCP
DFN 20 50WE W27 HE FL 120	E26	8W	40	550	120	68	80	593
DFN 20 50WE WW HE FL 120	E26	8W	40	550	120	68	80	593
DFN 20 50WE NW HE FL 120	E26	8W	40	600	120	75	80	593
DFN 20 50WE CW HE FL 120	E26	8W	40	600	120	75	80	593
DFN 20 50WE W27 HE NFL 120	E26	8W	25	550	120	68	80	1179
DFN 20 50WE WW HE NFL 120	E26	8W	25	550	120	68	80	1179
DFN 20 50WE NW HE NFL 120	E26	8W	25	600	120	75	80	1179
DFN 20 50WE CW HE NFL 120	E26	8W	25	600	120	75	80	1179

NFL: Narrow Flood **FL:** Flood **NW:** Neutral White **WW:** Warm White **W27:** Warm White 2700K **CW:** Cool White
CBCP: Center Beam Candle Power

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

[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.
- Can be used in recessed fixtures.
- Suitable for wet locations.
- 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.

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