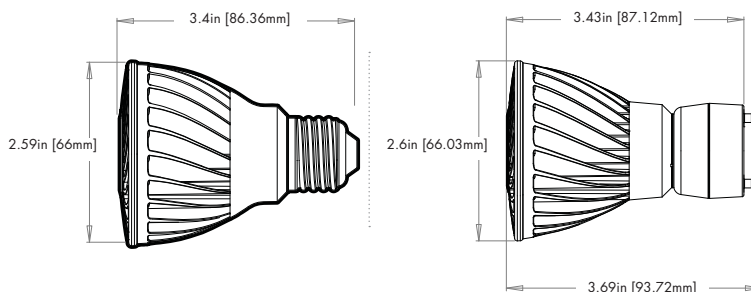


DEFINITY™

PAR20 & PAR20 Hi-Output

BENEFITS

- Dimmable to 5% of light on most dimmers¹
- Optional 40° and 25° beam spreads.
- 8 watts – 84% more efficient than comparable 50 watt Halogen lamps.
- Maintenance free operation, lasts up to 16 times longer than conventional lighting.
- 50,000 hour rated design life.
- Centralized optical package provides high quality point source beam versus pixilated designs.
- 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 230V available in non high output version only and utilizes E27 base.

⁴ Not available or rated for 230V

FEATURES¹

| | |
|--|------------------------------|
| Equivalent Source Standard | Up to 50W Halogen |
| L70 lumen depreciation design criteria | 50,000 hours |
| Housing | Aluminum |
| Socket | E26/GU24 |
| Beam Spread | 40°, 25° |
| Flood, Narrow Flood | |
| Operating Temperature | -20°C to +40°C |
| E26 MOL | 3.4 in, 86mm |
| GU24 MOL ⁵ | 3.69 in 93.72mm |
| Voltage | 120VAC & 230VAC ⁴ |
| Weight | .33lbs., 150g |
| Power Factor | 120: ≥.90 230: ≥.70 |
| Warranty | 5 year limited |

ORDERING INFORMATION \ \ DFN 20 WW FL 120

| Family | Product | Color (CCT) | Light Output | Distribution | Voltage | Base ⁴ |
|---|----------|--|----------------------------|-------------------------------|---------------------------|----------------------------|
| DFN Definity | 20 PAR20 | W27 Warm White 2700K | (leave blank for standard) | FL Flood | 120 120 Volt | (leave blank for E26 base) |
| | | WW Warm White 3000K | V2 High Output | NFL Narrow Flood | 230 230 Volt ³ | GU24 GU24 |
| | | NW Neutral White 4000K | | | | |
| | | CW Cool White 5000K | | | | |
| NORTH AMERICAN CERTIFICATIONS RoHS COMPLIANT UL LISTED FCC DAMP | | ENVIRONMENT | | | | |
| | | PAR20 & PAR20 HI-OUTPUT DIAMETER & MOL | | | | |
| | | E26 MOL: 3.4in, 86mm | | GU24 MOL: 3.69in, 93.72mm | | |
| | | E26 Diameter: 2.59in, 66mm | | GU24 Diameter: 2.6in, 66.03mm | | |



DIMMER CAPABILITIES

PAR20 & PAR20 Hi-Output

LUTRON DIMMERS: ADRIANI AY600, DVWCL-153P; Commercial Systems QSG-6P, LP-RPM-4A-12; Diva DV-600, DVCL-153P; Homeworks HW-RPM-4A-120, HxD-6ND; Interfaces PHPM-WBX; Radio Ra RRD-10ND; Stanza SZ-6ND; Lutron CTCL-153P, TGCL-153P, AYCL-153P, LGCL-153P, SZ-6ND, HxD-6ND, S-600PR, DV-600PR, TG-600PR, AY600P, GL600, DV-603PG, S-600, S-600P, LG-600P, D-600PH, TT-CL100H, TG-603PG, DV-600PR **OTHER DIMMERS:** Ace 34050, 3027596 Leviton 6633-PL, 6684, 6631, IPI06-1LX Legrand DrRD4W

Recommended number of lamps per 600 watt dimmer²

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 |
|--------------|---------------------------------|--------------------------------|
| PAR20 | 80W | 7 |
| PAR20 HO | 80W | 7 |

PAR20

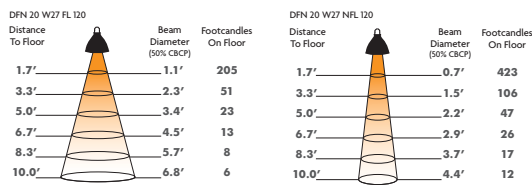
| Part Number | Base Type | Wattage | Beam Angle ¹ | Lumens | Voltage | Efficacy | CRI | CBCP |
|--------------------|-----------|---------|-------------------------|--------|---------|----------|-----|------|
| DFN 20 NW FL 120 | E26/GU24 | 8W | 40 | 375 | 120 | 47 | 85 | 714 |
| DFN 20 WW FL 120 | E26/GU24 | 8W | 40 | 350 | 120 | 44 | 85 | 650 |
| DFN 20 W27 FL 120 | E26/GU24 | 8W | 40 | 325 | 120 | 41 | 85 | 570 |
| DFN 20 CW FL 120 | E26/GU24 | 8W | 40 | 420 | 120 | 53 | 67 | 1036 |
| DFN 20 NW NFL 120 | E26/GU24 | 8W | 25 | 365 | 120 | 46 | 85 | 1238 |
| DFN 20 WW NFL 120 | E26/GU24 | 8W | 25 | 350 | 120 | 44 | 85 | 1120 |
| DFN 20 W27 NFL 120 | E26/GU24 | 8W | 25 | 310 | 120 | 39 | 85 | 1175 |
| DFN 20 CW NFL 120 | E26/GU24 | 8W | 25 | 420 | 120 | 53 | 67 | 1797 |

PAR20 Hi-Output

| Part Number | Base Type | Wattage | Beam Angle ¹ | Lumens | Voltage | Efficacy | CRI | CBCP |
|-----------------------|-----------|---------|-------------------------|--------|---------|----------|-----|------|
| DFN 20 NW V2 FL 120 | E26/GU24 | 8W | 40 | 450 | 120 | 56 | 85 | 900 |
| DFN 20 WW V2 FL 120 | E26/GU24 | 8W | 40 | 380 | 120 | 48 | 85 | 860 |
| DFN 20 W27 V2 FL 120 | E26/GU24 | 8W | 40 | 370 | 120 | 46 | 85 | 840 |
| DFN 20 CW V2 FL 120 | E26/GU24 | 8W | 40 | 480 | 120 | 60 | 85 | 950 |
| DFN 20 NW V2 NFL 120 | E26/GU24 | 8W | 25 | 450 | 120 | 56 | 85 | 1450 |
| DFN 20 WW V2 NFL 120 | E26/GU24 | 8W | 25 | 415 | 120 | 52 | 85 | 1400 |
| DFN 20 W27 V2 NFL 120 | E26/GU24 | 8W | 25 | 415 | 120 | 52 | 85 | 1350 |
| DFN 20 CW V2 NFL 120 | E26/GU24 | 8W | 25 | 480 | 120 | 60 | 85 | 1550 |

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

0° AIMING FOOTCANDLES



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



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 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 damp 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.