



## DEFINITY™ A19

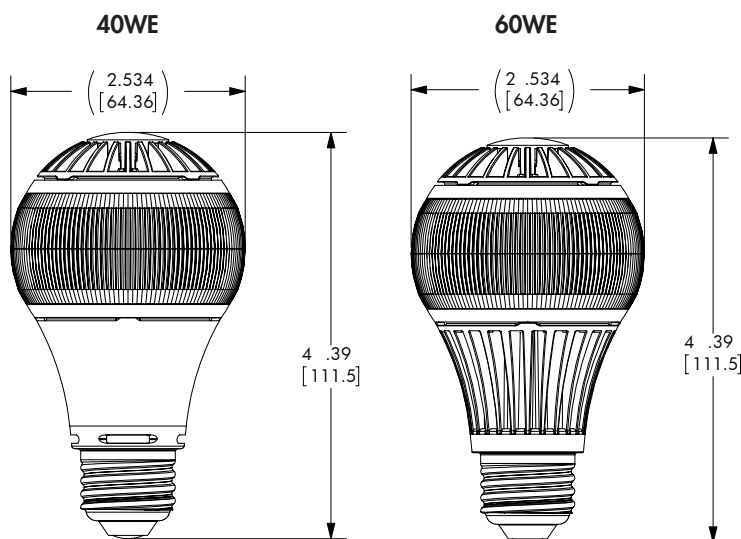


### BENEFITS

- Dimmable to 5% of light on most dimmers.<sup>1</sup>
- 8/12 watts – 80% more efficient than comparable 40/60 watt Incandescent lamps.
- Maintenance free operation, lasts up to 50 times longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

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

|                                        |                                                                   |
|----------------------------------------|-------------------------------------------------------------------|
| Equivalent Source                      | Up to 40W & 60W Incandescent                                      |
| L70 lumen depreciation design criteria | 40W: Up to 50,000 hrs<br>60W: Up to 25,000 hrs<br>Based on usage. |
| Housing                                | Thermally Conductive Plastic                                      |
| Socket                                 | E26                                                               |
| Operating Temperature                  | -20°C to +40°C                                                    |
| E26 MOL                                | 4.39 in, 111.5mm                                                  |
| Weight                                 | 40 W: 3.8 oz., 108g<br>60 W: 4.9 oz., 141g                        |
| Power Factor                           | ≥.90                                                              |
| Warranty                               | 5 year limited                                                    |
| Voltage                                | 120V                                                              |



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

<sup>1</sup> Values are nominal, advances from further innovation, specifications are subject to change.

<sup>2</sup> See dimmer compatibility chart page on next page.



## ORDERING INFORMATION \ \ DFN A19 40WE W27 120

| Family       | Product | Wattage Equivalency |                    | Color (CCT) |                     | Voltage |           |
|--------------|---------|---------------------|--------------------|-------------|---------------------|---------|-----------|
| DFN Definity | A19 A19 | 40WE                | 40 Watt Equivalent | W27         | Warm White 2700K    | 120     | 120 Volts |
|              |         | 60WE                | 60 Watt Equivalent | WW          | Warm White 3000K    |         |           |
|              |         |                     |                    | NW          | Neutral White 4000K |         |           |
|              |         |                     |                    | CW          | Cool White 5000K    |         |           |

### NORTH AMERICAN CERTIFICATIONS



### ENVIRONMENT



## DIMMER CAPABILITIES

### LUTRON DIMMERS:

Diva: DVCL-153PD, DVW-603-PGH

Skyark: CTCL-153PDH, S-600PR

Lumea: LG-103PH, LGCL-153PH

Toggle R: TGCL-153PH

## Recommended number of lamps per 600 watt dimmer<sup>2</sup>

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 |
|--------------|---------------------------------|--------------------------------|
| A19 40 W     | 80 W                            | 7                              |
| A19 60 W     | 80 W                            | 7                              |

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

<sup>1</sup> Values are nominal, advances from further innovation, specifications are subject to change.

<sup>2</sup> 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.

## A19

| Part Number          | Base Type | Wattage | Lumens | Voltage | Efficacy | CRI |
|----------------------|-----------|---------|--------|---------|----------|-----|
| DFN A19 40WE NW 120  | E26       | 8W      | 470    | 120     | 58       | 82  |
| DFN A19 40WE WW 120  | E26       | 8W      | 450    | 120     | 56       | 82  |
| DFN A19 40WE W27 120 | E26       | 8W      | 450    | 120     | 56       | 82  |
| DFN A19 40WE CW 120  | E26       | 8W      | 480    | 120     | 60       | 82  |
| DFN A19 60WE NW 120  | E26       | 12W     | 840    | 120     | 70       | 82  |
| DFN A19 60WE WW 120  | E26       | 12W     | 800    | 120     | 67       | 82  |
| DFN A19 60WE W27 120 | E26       | 12W     | 800    | 120     | 67       | 82  |
| DFN A19 60WE CW 120  | E26       | 12W     | 850    | 120     | 71       | 82  |

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



Visit [www.lsgc.com/energystar](http://www.lsgc.com/energystar) for list of ENERGY STAR qualified lamps.



## CAUTIONS

- Not recommended for use in fully enclosed fixtures.
- Turn power off before inspection, installation, or removal.
- Risk of Electric Shock – Use in dry locations only. Do not use where directly exposed to water or weather.
- 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.
- 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."