



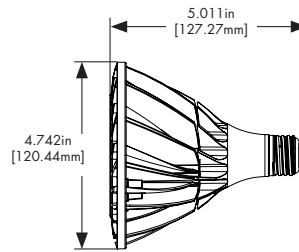
## DEFINITY™ PAR38

### BENEFITS

- Higher efficacy offers more light output while consuming less power.
- Only 14W - Requires 84% less power than comparable 90W incandescent or halogen lamps.
- Thermal advancements provide over 50% 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<sup>1</sup>

<b>Equivalent Source</b>	
Standard	Up to 90W Halogen
<b>L70 lumen depreciation design criteria</b>	50,000 hours
<b>Housing</b>	Thermally Conductive Plastic
<b>Socket</b>	E26
<b>Beam Spread</b>	40°, 25°
Flood, Narrow Flood	
<b>Operating Temperature</b>	-20°C to +40°C
<b>E26 MOL</b>	5.011in, 127.27mm
<b>Voltage</b>	120VAC
<b>Weight</b>	0.728lbs., 330g
<b>Power Factor</b>	≥.95
<b>Warranty</b>	5 year limited



### E26 BASE

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 on next page.

### ORDERING INFORMATION \ \ DFN 38 90WE WW HE FL 120

Family	Product	Watt Equivalent	Color (CCT)	Light Output	Distribution	Voltage
DFN Definity	38 PAR38	90WE 90W Equivalent	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



#### ENVIRONMENT



# PAR38

## 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

## PAR38

Part Number	Base Type	Wattage	Beam Angle <sup>1</sup>	Lumens	Voltage	Efficacy	CRI	CBCP
DFN 38 90WE W27 HE FL 120	E26	14W	40	1000	120	71	81	1533
DFN 38 90WE WW HE FL 120	E26	14W	40	1000	120	71	81	1533
DFN 38 90WE NW HE FL 120	E26	14W	40	1050	120	75	81	1533
DFN 38 90WE CW HE FL 120	E26	14W	40	1050	120	75	81	1533
DFN 38 90WE W27 HE NFL 120	E26	14W	25	1000	120	71	81	3697
DFN 38 90WE WW HE NFL 120	E26	14W	25	1000	120	71	81	3697
DFN 38 90WE NW HE NFL 120	E26	14W	25	1050	120	75	81	3697
DFN 38 90WE CW HE NFL 120	E26	14W	25	1050	120	75	81	3697

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

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.

## 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.

