

Definity™ PAR30 LED Long Neck Lamp



Features

| | |
|--|-------------------------|
| Equivalent Source | 75W Halogen |
| L70 lumen depreciation design criteria = | 50,000 hours |
| Early Submission ENERGY STAR Life = | 25,000 hours** |
| Housing | Anodized |
| Socket | E26 Edison base |
| Beam Spread | |
| Spot, Narrow Flood, Flood | 15°, 25°, 40° |
| Operating Temp | -20°C to +40°C |
| MOL | 4.57", 116mm |
| Voltage | 120 or 230 VAC |
| Weight | .099 lbs., 0.45 kg |
| Power Factor | ≥.70 |
| Warranty | 5 year limited |
| Standards | UL1993, E320663-Pending |

Certification



Environment



**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.

***See dimmer compatibility chart page 2.
NOTE: All performance and testing done at 25°C.
U.S. patent pending.
Currently, ENERGY STAR is available in PAR 30 neutral white narrow flood.

PAR30 SP003
November 2010

Patented design houses an integrated LED system for optimum lifetime performance. Excellent optics create a uniform beam, delivering lumen output comparable to conventional sources. Free of harmful UV and IR emissions. Available in 15°, 25° and 40° beam distribution, in various color temperatures with good color quality.

Benefits

- Reduced energy consumption and operating costs by up to 80%.
- Maintenance free operation - lasts up to 25 times longer than conventional lighting.
- Cool beam- No UV or IR, reduces air conditioning loads.
- Unique design with anodized silver housing for cooler operation and extended lamp life.
- Environmentally friendly – fully recyclable, no mercury or other hazardous materials.
- Dimmable***
- Tested to LM-79-08



| Specifications | 30 NW SP 120 | 30 NW FL 120 | 30 NW NFL 120 | 30 W27 SP 120 | 30 W27 FL 120 | 30 W27 NFL 120 | 30 WW SP 120 | 30 WW FL 120 | 30 WW NFL 120 |
|-----------------------------|--------------|--------------|---------------|---------------|---------------|----------------|--------------|--------------|---------------|
| Wattage Equivalence | 70W | 75W | 75W | 65W | 65W | 70W | 60W | 70W | 75W |
| Color Rendering Index (CRI) | 87 | 87 | 87 | 85 | 84 | 85 | 87 | 87 | 88 |
| Lumen Output | 800 | 800 | 800 | 710 | 660 | 720 | 740 | 735 | 730 |
| Efficacy | 53 (lm/w) | 53 (lm/w) | 53 (lm/w) | 47 (lm/w) | 44 (lm/w) | 48 (lm/w) | 49 (lm/w) | 49 (lm/w) | 49 (lm/w) |
| Color Temperature | 4000K | 4000K | 4000K | 2700K | 2700K | 2700K | 3000K | 3000K | 3000K |
| Power Consumption | 15W | 15W | 15W | 15W | 15W | 15W | 15W | 15W | 15W |
| CBCP | 6114 | 1476 | 3216 | 5203 | 1175 | 2932 | 4509 | 1295 | 3056 |

LSG012



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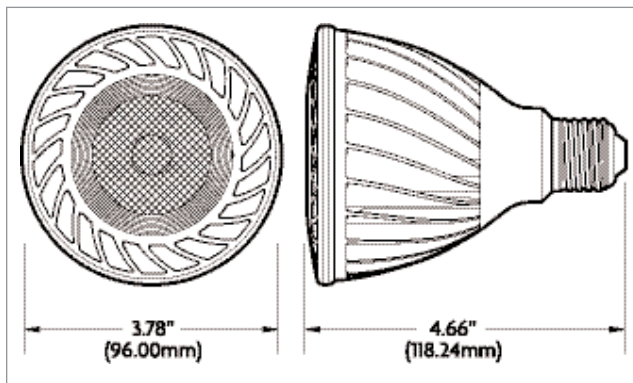
Ordering Information

Example: DFN 30 WW NFL 120

| Product | Color Temperature | Optical Distribution | Voltage |
|------------------------|----------------------|----------------------|---------|
| DFN 30 Definity Par 30 | CW Cool White | FL Flood | 120 VAC |
| | NW Neutral White | NFL Narrow Flood | 230 VAC |
| | W27 Warm White 2700K | SP Spot | |
| | WW Warm White | | |

Dimmer Compatibility

| Make | Model |
|---------|---|
| Ace | 34050, 3027596 |
| Leviton | 6633-PL, 6684, 6631, IPI06-1LX |
| Lutron | S-600PR-WH, DV-600PR-WH, TG-600PR-WH, AY600P Q600P, GL600, CN-600PHW, DV-603PG, S-600, S-600P LG-600P, D-600PH, TT-300NLH, TG-603PG, HW-RPM-4A PPHM-PA, DV-600, DVLV-600, NLV-600, NTLV-600 |
| Legrand | DrRD4W |

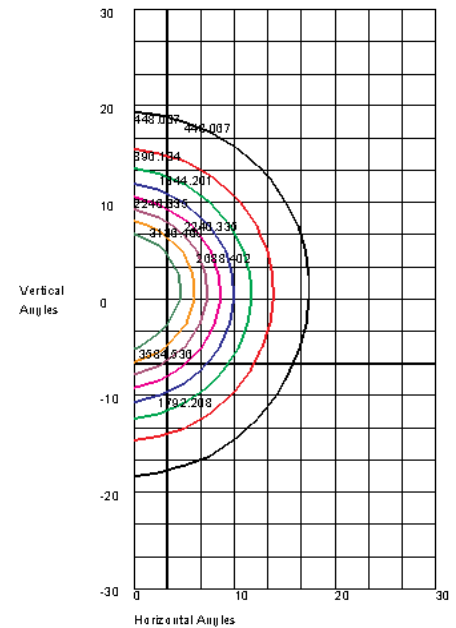


Dimensions shown in inches (mm)

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 completely enclosed fixtures.
- Suitable for Damp Locations – The lamp is suitable for use in wet locations when used in an outdoor rated fixture.
- Do not open – no user serviceable parts inside.
- Use only on 120 Volt, 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.
- Use only with a portable table lamp that is provided with a shade.
- Use in portable table lamps in which the distance from the bottom of the base to the top of the Lampholder does not exceed three (3) times the minimum base diameter.
- "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."

IES FLOOD REPORT
PHOTOMETRIC FILENAME : 30014319-2 DFN-30-WW-SP-120 (A).IES
ISOCANDELA CURVES



Maximum Candela = 4480.07 Located At Horizontal Angle = -1, Vertical Angle = 1
50% Maximum Candela = 2240.335
10% Maximum Candela = 448.007

Warm White Illustrated

