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|----------|------|
| Project | |
| Notes | |
| Type | Date |
| Cat. No. | |

DCF™ Series

LED Decorative Ceiling Finial



DCF Series

13' 13W, (1000 Lumens)
17' 17W, (1700 Lumens)

Rated Life 50,000 hours
Limited Warranty 3 years
Efficacy Up to 77 LPW
Continuous Dimming



Quick Ship

While Supplies Last

DESCRIPTION

The LED Based DCF series provides customers with a high quality luminaire utilizing the latest LED, solid state lighting and electronic driver technology for optimal performance and maximized energy efficiency. With a traditional opal white lens, the DCF series produces even, uniform light distribution and ideal choice for offices, corridors, stairways, bedroom, closet and foyers applications where customers are replacing incandescent, circline or compact fluorescent lamps.



Specification Features

Construction

Contemporary decorative fixture with choice of oil rubber bronze or nickel satin finished steel pans and frosted glass diffusers with matching finial.

Qualifications

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate ETL labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards. ENERGY STAR® certified product (for 3000K and 4000K only) and Title 24 qualified. Dedicated 120V Models are FCC Title 47 CFR, Part 15, Class B for residential and commercial applications. California Title 24 Compliant, JA8 compliant, CEC Listed.

Warranty

3-year limited warranty. See complete warranty for terms and exclusions. (Labor not included)

Electrical

Equipped standard with 120V 15-100% dimming driver, operating at 60 Hz. Dims to 10%.

Installation

Designed for ceiling mounting on 4" electrical J-Box.

Ordering Information

Example: DCF-11-13-120D-930-ORB

| DCF | 11 | 13 | 120D | 9 | 30 | ORB |
|--|---|--|---|-------------------------|--|--|
| Series DCF Decorative Ceiling Finial | Size 11- 11"Pan² 14- 14"Pan² | Rated Wattage <u>11" Pan</u> 13- 13W, 1000 Lumens² <u>14" Pan</u> 17- 17W, 1700 Lumens² | 8 fJj Yf HndY 120D- 120V Dimming, Dims to 10% | CRI 9 90+ CRI | Color Temp 30- 3000 K² 40-4000 K¹ ² | Finish NS- Nickel Satin² ORB- Oil Rubbed Bronze² |

Specifications and Dimensions subject to change without notice.

Performance Summary

| | |
|--------------------------------|----------------------------|
| Input Voltage | 120V |
| Input Frequency | 50/60 Hz |
| Rated Wattage | See Performance Table |
| Delivered Lumens | See Performance Table |
| Efficacy | > 76.9 LPW (typ.) |
| CRI | 93+, R9 > 0 |
| Available CCT ¹ | 3000K |
| Color Consistency ² | 5-step MacAdam Ellipse |
| Rated Life | 50,000 hours |
| L70 ³ | > 72,000 hours or > 45,000 |
| Power Factor | >0.85 |
| THD | < 20% |
| Dimming | 120V Dimming(15-100%) |
| Operating Temp. | -18°C to 40°C |

Performance Data

| Lens Type | Form Factor | Catalog No. | Rated Wattage (W) | Delivered Lumens | Efficacy (lm/W) |
|---------------|-------------|--------------------|-------------------|------------------|-----------------|
| Frosted Glass | 11' | DCF-11-13-120D-930 | 13 | 1000 | 76.9 |
| | | | | | |
| | 14' | DCF-14-17-120D-930 | 17 | 1307.3 | 76.9 |
| | | | | | |

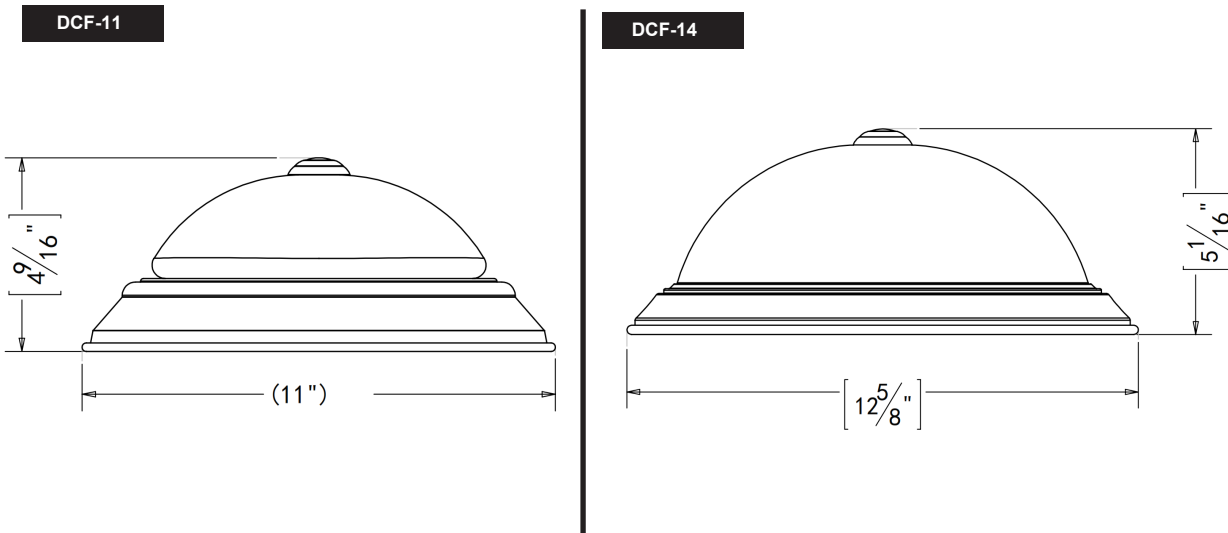
NOTES:

- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 3000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers. Contact manufacturer for detailed information
- ⁶ Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications and Dimensions subject to change without notice.



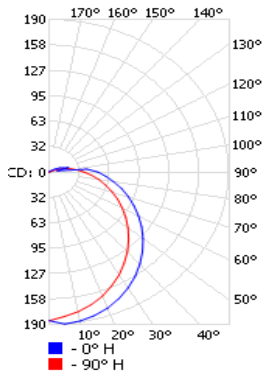
Product Dimensions



Photometric Data

DCF-11-13-120D-930 Tested in accordance to IESNA LM-79

Polar Candla Curve



Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|-------|--------|--------|-------------|
| 0-30 | 144 | 19.20% | 19.20% |
| 0-40 | 238 | 31.70% | 31.70% |
| 0-60 | 440 | 58.60% | 58.70% |
| 60-90 | 230.4 | 30.70% | 30.70% |
| 0-90 | 670.4 | 89.30% | 89.40% |

Coefficients of Utilization

| RCC %: | 80 | | | | Effective Floor Cavity Reflectance: 20% | | | | | |
|--------|------|------|------|------|---|------|------|------|------|------|
| | 70 | 50 | 30 | 0 | 70 | | 50 | | 30 | |
| RCR: 0 | 1.16 | 1.16 | 1.16 | 1.16 | 1.13 | 1.13 | 1.13 | 0.89 | 1.05 | 1.05 |
| 1 | 1.03 | 0.97 | 0.91 | 0.86 | 0.99 | 0.93 | 0.88 | 0.69 | 0.87 | 0.83 |
| 2 | 0.92 | 0.83 | 0.75 | 0.68 | 0.89 | 0.8 | 0.72 | 0.56 | 0.74 | 0.68 |
| 3 | 0.84 | 0.72 | 0.63 | 0.55 | 0.8 | 0.69 | 0.61 | 0.46 | 0.65 | 0.58 |
| 4 | 0.76 | 0.63 | 0.53 | 0.46 | 0.73 | 0.61 | 0.52 | 0.39 | 0.57 | 0.49 |
| 5 | 0.7 | 0.56 | 0.46 | 0.39 | 0.67 | 0.54 | 0.45 | 0.34 | 0.51 | 0.43 |
| 6 | 0.64 | 0.5 | 0.41 | 0.34 | 0.62 | 0.49 | 0.4 | 0.29 | 0.46 | 0.38 |
| 7 | 0.6 | 0.45 | 0.36 | 0.3 | 0.57 | 0.44 | 0.35 | 0.26 | 0.41 | 0.34 |
| 8 | 0.55 | 0.41 | 0.32 | 0.26 | 0.53 | 0.4 | 0.32 | 0.23 | 0.38 | 0.3 |
| 9 | 0.52 | 0.38 | 0.29 | 0.23 | 0.5 | 0.37 | 0.29 | 0.21 | 0.35 | 0.28 |
| 10 | 0.48 | 0.35 | 0.27 | 0.21 | 0.47 | 0.34 | 0.26 | 0.19 | 0.32 | 0.25 |