



Project	
Notes	
Type	Date
Cat. No.	

DCF™ Series

LED Decorative Ceiling Finial

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.



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

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.

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



Quick Ship

DCF-11-13-120D-930-NS
 DCF-11-13-120D-930-ORB
 DCF-14-17-120D-930-NS
 DCF-14-17-120D-930-ORB

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 11" Pan 13- 13W, 1000 Lumens² 14" Pan 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

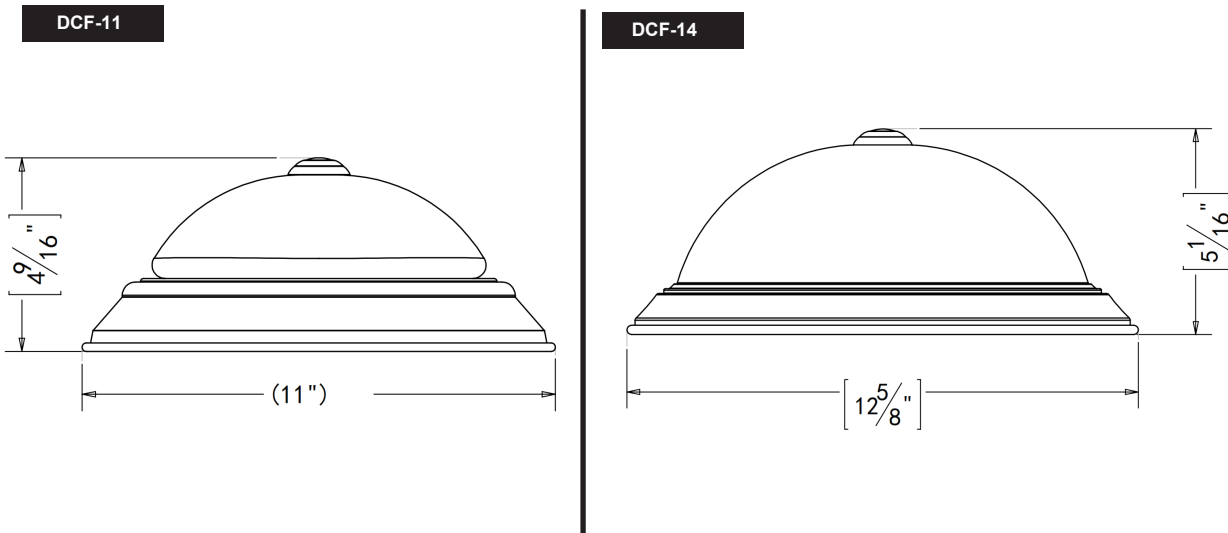
NOTES:

- 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.



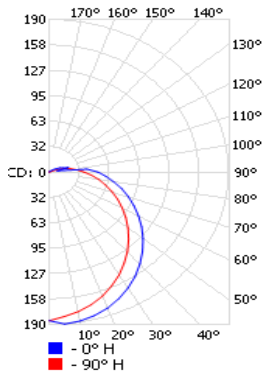
Product Dimensions



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