



Project	
Notes	
Type	Date
Cat. No.	

GCC™ Series

LED Generic Ceiling Cloud



DESCRIPTION

This 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 GCC series produces even and 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. The LED Based GCC series is a ceiling or wall mount series which can be used in a broad range of residential and commercial applications.

Specification Features



Construction

Features a white acrylic and white powder coated steel pan. Available in 11", 14", 19" diameters. lens design and materials provide uniform appearance without pixelation.

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.

Electrical

Equipped standard with 120V 10-100% dimming driver.

Installation

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

Warranty

3-year Limited Warranty. See warranty documentation for more information.

GCC Series

- 11"**
13W, 850 Lumens
- 14"**
17W, 1200 Lumens
- 19"**
26W, 1900 Lumens
- 19"**
34W, 2700 Lumens

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



Quick Ship

- GCC-11-13-120D-940
- GCC-14-17-120D-940
- GCC-14-26-MV-940
- GCC-19-34-MV-940

Ordering Information

Example:GCC-11-13-120D-940

GCC	11	13	120D	9	40
Series GCC LED Generic Ceiling Cloud	Size 11- 11"Pan ² 14- 14"Pan ² 19- 19" Pan ²	Rated Wattage <u>11" Pan</u> 13- 13W, 850 Lumens ² <u>14" Pan</u> 17- 17W, 1200 Lumens ² 26- 26W, 1900 Lumens ² <u>19" Pan</u> 34- 34W, 2700 Lumens ²	Driver Type 120D- 120V Dimming, Dims to 10% 26W & 34W MV- 120-277V	CRI 8 80+ CRI ¹ 9 90+ CRI ²	Color Temp 30 3000 K ¹ 40 4000 K ²
Options					
Emergency Backup EML8 800lm EML16 1600lm			Controls MOS-Microwave Sensor on/off		

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	> 79 LPW (typ.)
CRI	90+, R9 > 0
Available CCT ¹	3000K, 4000K
Color Consistency ²	5-step MacAdam Ellipse
Rated Life	50,000 hours
L70 ³	> 72,000 hours or > 45,000
Power Factor	>0.99
THD	< 20%
Dimming	120V Dimming(10-100%)
Operating Temp.	-18°C to 40°C

Performance Data

Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	11'	GCC-11-13-120D-940	13	850	65
	14'	GCC-14-17-120D-940	17	1,200	71
		GCC-14-26-MV-940	27	1,900	70
	19'	GCC-19-34-MV-940	34	2,700	79

NOTES:

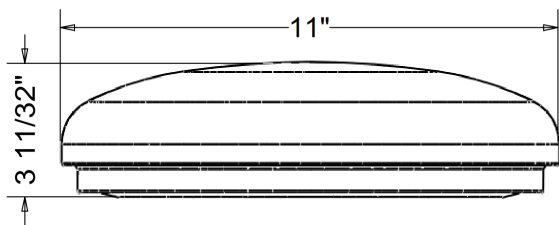
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report 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.

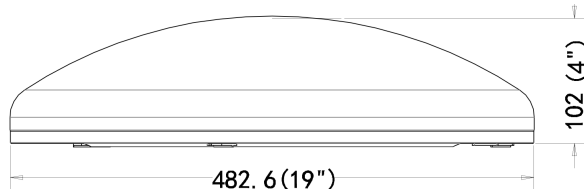


Product Dimensions

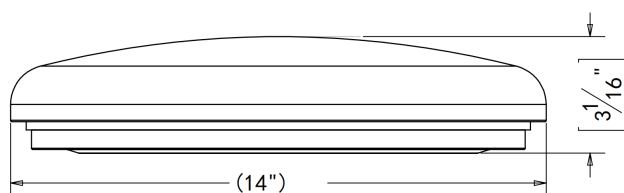
GCC-11



GCC-19



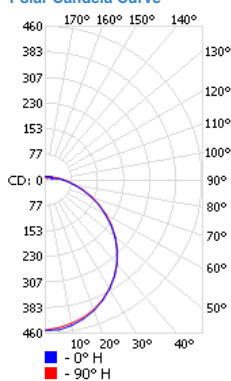
GCC-14



Photometric Data

GCC-19-34-MV-940 Tested in accordance to IESNA LM-79

Polar Candela Curve



Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	456.1	21.90%	21.90%
0-40	754.1	36.20%	36.20%
0-60	1,371.30	65.80%	65.80%
60-90	528.4	25.30%	25.40%
0-90	1,899.70	91.10%	91.20%

Coefficients of Utilization

RCC %:	80				70				50	
	70	50	30	0	70	50	30	0	50	30
RW %:	1.17	1.17	1.17	1.17	1.13	1.13	1.13	0.91	1.06	1.06
RCR: 0	1.05	0.99	0.95	0.9	1.01	0.96	0.92	0.74	0.9	0.87
1	0.95	0.86	0.78	0.72	0.91	0.83	0.76	0.61	0.78	0.72
2	0.86	0.75	0.66	0.59	0.83	0.73	0.65	0.51	0.68	0.61
3	0.78	0.66	0.57	0.5	0.75	0.64	0.55	0.43	0.6	0.53
4	0.72	0.59	0.49	0.42	0.69	0.57	0.48	0.37	0.54	0.46
5	0.66	0.53	0.43	0.37	0.64	0.51	0.43	0.33	0.48	0.41
6	0.61	0.48	0.39	0.32	0.59	0.46	0.38	0.29	0.44	0.37
7	0.57	0.43	0.35	0.29	0.55	0.42	0.34	0.26	0.4	0.33
8	0.53	0.4	0.31	0.26	0.51	0.39	0.31	0.23	0.37	0.3
9	0.5	0.37	0.29	0.23	0.48	0.36	0.28	0.21	0.34	0.27
10										

Effective Floor Cavity Reflectance: 20%



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