GlobaLux LIGHTING

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. Capable of adjusting kelvin to five temperatures.

GCC Series
11"
17W, 1360 Lumens
14"
26W, 1840 Lumens

Specification Features

Construction
Features a white acrylic and white powder coated steel pan. Available in 11"and 14" 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.

Rated Life 50,000 hours
Limited Warranty 3 years
Efficacy Up to 70 LPW
Continuous Dimming

CONTINUOUS **DIMMING** 0-10V Continuous

Quick Ship

GCC-11-17-120D-927/50
GCC-14-26-120D-927/50

Ordering Information

Example:GCC-11-17-120D-927/50

GCC	11	17	120D	9	27/50	
Series **GCC** LED Generic Ceiling Cloud	**Size** **11**- 11"Pan² **14**- 14"Pan²	**Rated Wattage** **11" Pan** **17**- 17W, 1360 Lumens² **14" Pan** **26**- 26W,1840 Lumens¹	**Driver Type** **120D**- 120V Dimming, Dims to 10%	**CRI** **9** 90+ CRI²	**Color Temp** Kelvin Selectable **27/50** 2700/3000 /3500/4000/5000K	

			Options			
			Emergency Backup N/A	**Controls** N/A		

Specifications and Dimensions subject to change without notice.

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Performance Summary

Input Voltage	120V
Input Frequency	50/60 Hz
Rated Wattage	See Performance Table See
Delivered Lumens	Performance Table
Efficacy	> 70 LPW (typ.)
CRI	90+, R9 > 0
Available CCT[1]	2700/3000/3500/4000/5000K
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

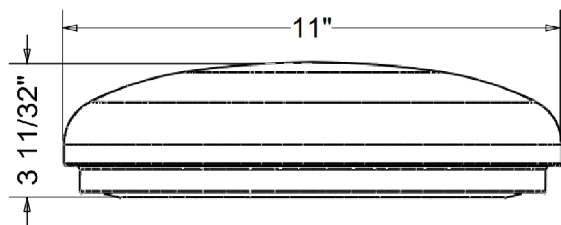| Lens Type	Form Factor	Catalog No.	Rated Wattage (W)	Delivered Lumens	Efficacy (lm/W)
Acrylic	11'	GCC-11-17-120D-927/50	17	1360	70
	14'	GCC-14-26-120D-927/50	26	1840	73

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.

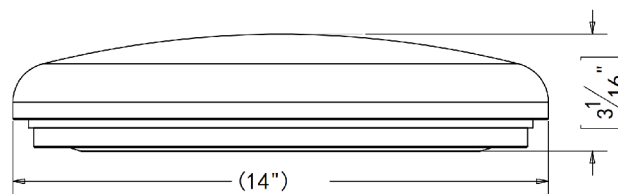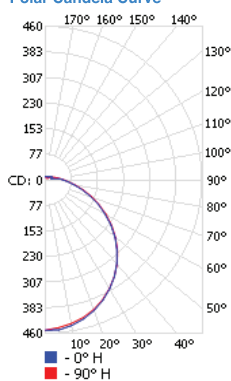**Specifications and Dimensions subject to change without notice.**

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Product **Dimensions**

GCC-11

11"

3 11/32"

GCC-14

3 1/16"

(14")

Photometric Data

GCC-14-26-120D-927/50   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

Effective Floor Cavity Reflectance: 20%

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

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