



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, 1200 Lumens

14"

26W, 1900 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



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, 1200 Lumens² 14" Pan 26- 26W, 1900 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 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 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 | 1200 | 70 |
| | | | | | |
| | 14' | GCC-14-26-120D-927/50 | 26 | 1900 | 73 |
| | | | | | |
| | | | | | |
| | | | | | |

NOTES:

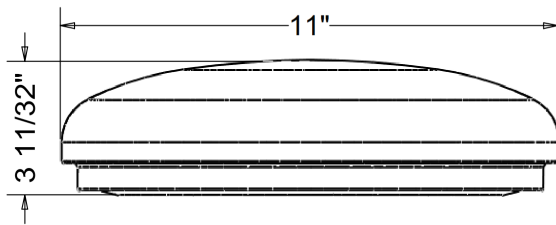
- ¹ Made to order items. Minimum 90 day lead time. Minimum 500 order quantity.
- ² Energy star listed
- ³ Quick ship: 4000K. Other CCTs may require a lead time or be special order
- ⁴ Typical color consistency. May vary or be changed.
- ⁵ L70 hours calculated based on LED package manufacturer LM80 report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

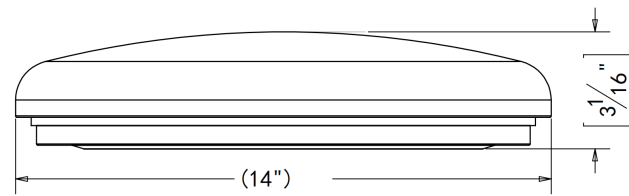


Product Dimensions

GCC-11



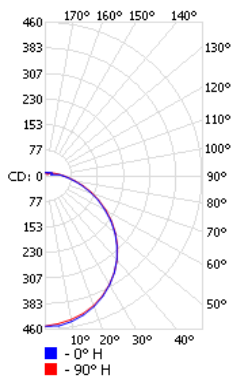
GCC-14



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

| RCC %: | 80 | | | | 70 | | | | 50 | | | |
|--------|------|------|------|------|------|------|------|------|------|------|---|----|
| | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 0 | 30 |
| RCC: 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 | | |

Effective Floor Cavity Reflectance: 20%

GlobalLux
LIGHTING