

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The adjustable LED Gimbal downlighting module is 80% more efficient than incandescent luminaires, performing for 35,000 hours or more with exceptional energy efficiency and near zero maintenance. Multiple trim finish options are available to pick the style that matches the décor for any office or home. The LED Gimbal is intended for sloped ceiling applications, grazing textured surfaces, wall washing, and highlighting artwork or other architectural features. Retrofits into most existing recessed downlighting installations or new construction and remodel applications.

**CONSTRUCTION** — Spun steel gimbal reflectors with 180° of rotation and at least 35° of adjustable tilt in both directions. Driver affixed to a static yoke to allow maximization of LED light engine rotation and pivot movements.

**OPTICS** — Diffused lens at end of mixing chamber to provide even light distribution for general illumination, equivalent to 50W incandescent flood lamp.

Wide flood beam angle at >90°. CRI >90. Equivalent to 50W incandescent. The LED module maintains at least 70% light output for 35,000 hours.

**ELECTRICAL** — Primary power disconnect provided for simple connection to a dedicated LED connector in the housing. Dimming down to 15%. For compatible dimmers, refer to [Compatible Dimmers Chart](#).

**INSTALLATION** — Suitable for installation in standard height rough-in sections. E26 socket adaptor (except in the state of California for configurations specified in footnotes on ordering information) and splice kit ships standard. This enables easy installation or permanent conversion to an LED source for Title 24 compliance. Includes three friction clips to ensure easy installation.

**LISTINGS** — CSA certified to US and Canadian safety standards. ENERGY STAR® certified; California T24 compliant. Damp location listed.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** 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 subject to change without notice.

Catalog Number
Notes
Type

# 4G1

IC/Non-IC  
Retrofit Gimbal



Matte Black

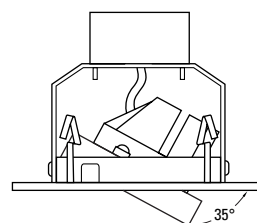
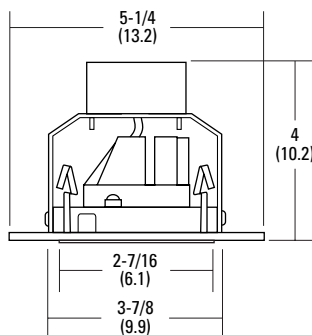
Brush Nickel

Oil Rubbed Bronze

### Specifications

Aperture:	2-7/16 (6.1)
Ceiling opening:	as rough-in
Length:	3-7/8 (9.9)
Height:	4 (10.2)
Overlap trim:	5-1/4 (13.2)

All dimensions are in inches (centimeters) unless otherwise indicated.



E26 Adaptor



Hardware Kit (included)

### ORDERING INFORMATION

**Example:** 4G1MW LED 27K 90CRI L3LED T24

4G1	LED	Voltage		Options
Series/Finish	Lamp	CCT/CRI/W/Lumens <sup>2</sup>		
<b>4G1</b> 4" Gimbal module <b>MW</b> Matte white <b>MB</b> Matte black <sup>1</sup> <b>BN</b> Brush nickel <b>ORB</b> Oil-rubbed bronze	<b>LED</b>	27K 90CRI 2700K/91CRI/8.3W/480L <sup>3</sup>	<b>(blank)</b> 120V	<b>L/SKTWHIP</b> No E26 Adapter (CA only) <sup>3</sup>
		30K 90CRI 3000K/93CRI/7.7W/500L <sup>3</sup>		<b>L3LED T24</b> IC/Non-IC rated, new construction rough-in LED base <sup>5</sup>
		40K 90CRI 4000K/94CRI/8W/560L <sup>3</sup>		<b>L3RLED T24</b> IC/Non-IC rated, remodel rough-in LED base <sup>5</sup>
				<b>L3</b> IC/Non-IC rated, new construction rough-in <sup>4,5</sup>
				<b>L3R</b> IC/Non-IC rated, remodel rough-in <sup>4,5</sup>

<b>Accessories:</b> Order as separate catalog number.
RK1 CG52178 E26 ADAPTER/MALE PLUG BAL DISC ASM    E26 Adapter

### Notes

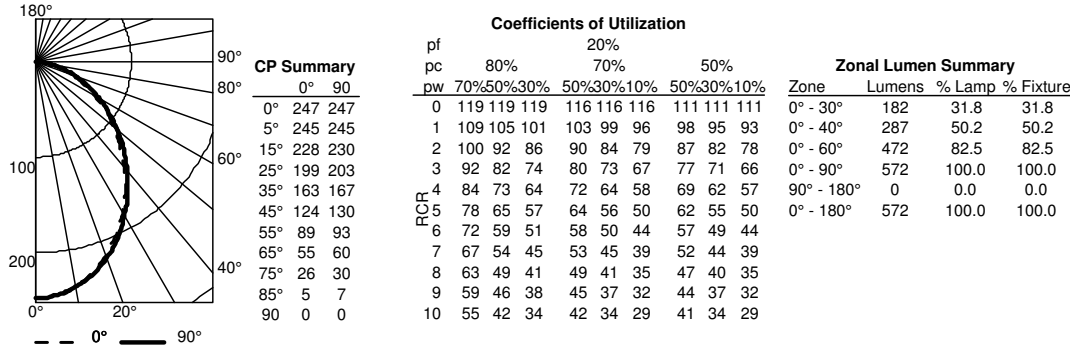
- Matte black finish available only in 30K 90CRI.
- Total system delivered lumens.
- L/SKTWHIP must be selected for all options shipping to California.
- Must be ordered on a separate line.
- To install LED Gimbal, remove socket and assembly leaving socket wires. Install using hardware kit provided.

# 4G1 4" LED Gimbal Module

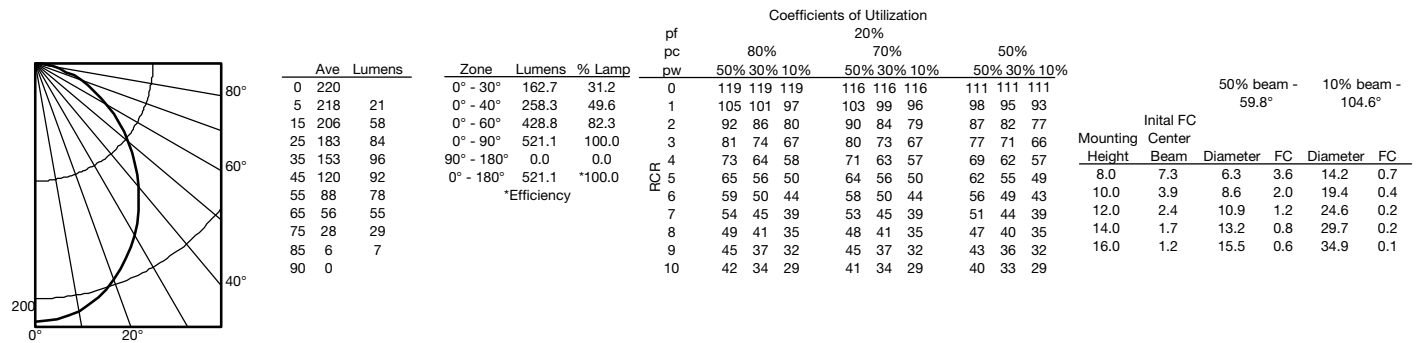
## PHOTOMETRICS

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

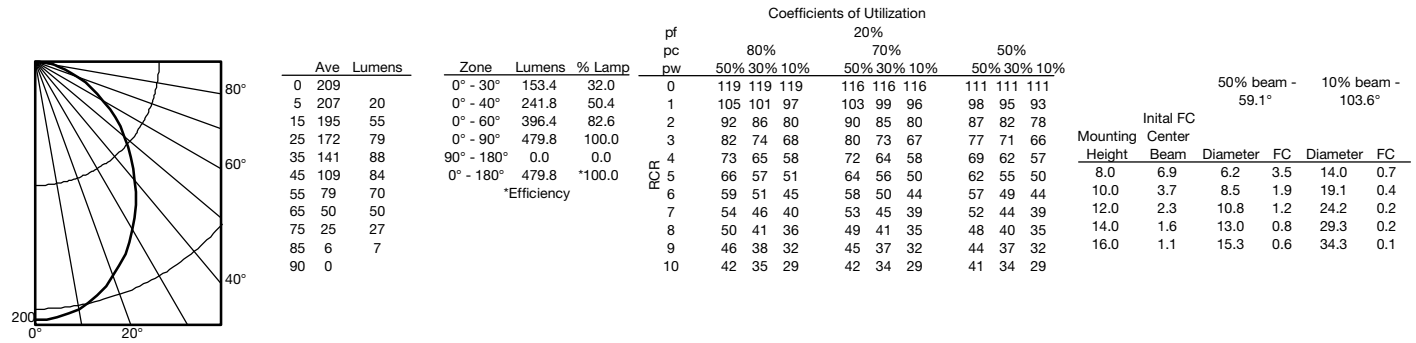
**4G1MW LED 40K 90CRI**, 4000 K LEDs, input watts: 7.9, delivered lumens: 572, LM/W=72.4, test no. LTL28358, tested in accordance with IESNA LM 79-80.



**4G1MW LED 30K 90CRI**, 3000 K LEDs, input watts: 7.7, delivered lumens: 521, LM/W=68, test no. LTL28359, tested in accordance with IESNA LM 79-80.



**4G1MW LED 27K 90CRI**, 27000 K LEDs, input watts: 8.3, delivered lumens: 480, LM/W = 59, test no. LTL28357, tested in accordance with IESNA LM 79-80.



ENERGY DATA - 4G1			
Lumens	480	500	560
watts	8.28	7.74	8
LPW	58	65	70
CRI	91	93	94
Color Temp	2700	3000	4000
Minimum Starting Temp	0°F (-18°C)	0°F (-18°C)	0°F (-18°C)
EMI/RFI	FCC Title 47 CFR, Part 15, Class A	FCC Title 47 CFR, Part 15, Class A	FCC Title 47 CFR, Part 15, Class A
Min. Power Factor	0.80	0.80	0.80
Input current	0.07A	0.07A	0.07A

# 4G1 4" LED Gimbal Module

Lithonia Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	<b>480</b>
Watts	<b>8.28</b>
Lumens per Watt (Efficacy)	<b>57.97</b>

Color Accuracy Color Rendering Index (CRI)	<b>91</b>
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Light Color Correlated Color Temperature (CCT)	<b>2700 (Warm White)</b>
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2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the **Label Reference Guide**.

Registration Number: JB22-N5JDBG (7/15/2015)  
Model Number: 4G1XX LED 27K  
Type: Luminaire - Downlight

Lithonia Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	<b>500</b>
Watts	<b>7.74</b>
Lumens per Watt (Efficacy)	<b>64.6</b>

Color Accuracy Color Rendering Index (CRI)	<b>93</b>
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Light Color Correlated Color Temperature (CCT)	<b>3000 (Bright White)</b>
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2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: JB22-N6RPL7 (7/15/2015)  
Model Number: 4G1XX LED 30K  
Type: Luminaire - Downlight

Lithonia Lighting

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens)	<b>560</b>
Watts	<b>8</b>
Lumens per Watt (Efficacy)	<b>70</b>

Color Accuracy Color Rendering Index (CRI)	<b>94</b>
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Light Color Correlated Color Temperature (CCT)	<b>4000 (Bright White)</b>
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2700K    3000K    4500K    6500K

Warm White    Bright White    Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: JB22-6N48V (7/15/2015)  
Model Number: 4G1XX LED 40K  
Type: Luminaire - Downlight