

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The adjustable LED iGimbal downlighting module is 80% more efficient than incandescent luminaires, performing for 35,000 hours or more with exceptional energy efficiency and near zero maintenance. The LED iGimbal 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 360° of rotation and at least 45° 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. Utilizes 2700K, 3000K and 4000K color temperature LEDs. CRI – 90+. 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%.

INSTALLATION — Suitable for installation in standard height rough-in sections. 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 — ETL certified to US and Canadian safety standards. FCC Certified. ENERGY STAR® certified; California T24 compliant. Damp location listed.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

3iG

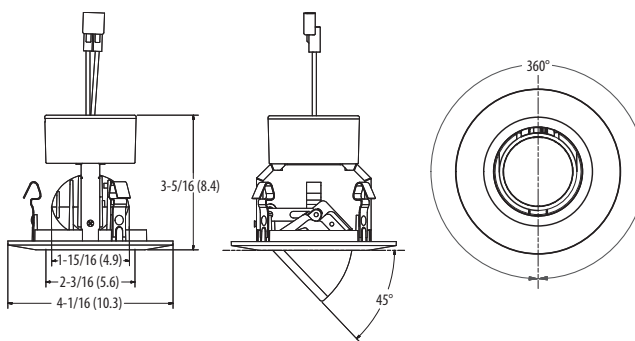
IC/Non-IC
Retrofit iGimbal



Specifications

Aperture:	1-15/16 (4.9)
Ceiling opening:	as rough-in
Height:	3-5/16 (8.4)
Overlap trim:	4-1/16 (10.3)

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



Splice Kit
(included)

ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: 3iGMW LED 27K 90CRI

3iG		LED		Voltage	
Series/Finish		Lamp		CCT/CRI/W/Lumens ²	
3iG	3" iGimbal module	MW	Matte white	LED	
		MB ¹	Matte black		
		BN ¹	Brush nickel		
		ORB ¹	Oil-rubbed bronze		
				27K 90CRI	2700K/90CRI/8.7W/530L
				30K 90CRI	3000K/91CRI/8.7W/560L
				40K 90CRI³	4000K/92CRI/8.7W/590L
					(blank) 120V

Notes

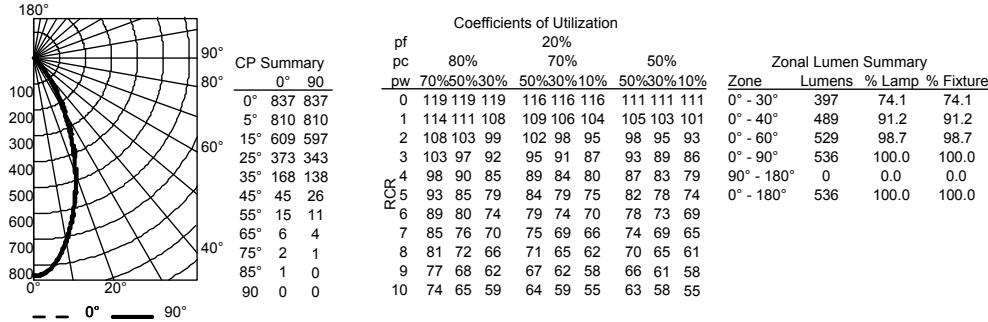
- Minimum 90-day lead time for non-standard color finishes; minimum 50-piece order quantity.
- Total system delivered lumens.
- Minimum 90-day lead time for 4000 K color temperature; minimum 50-piece order quantity.

3iG 3" LED iGimbal Module

PHOTOMETRICS

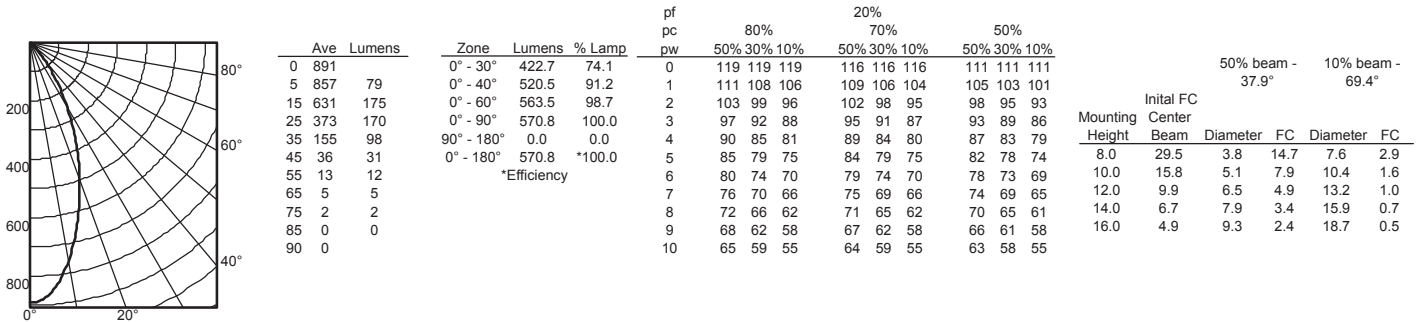
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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3iGMW LED, 2700 K LEDs, input watts: 8.5, delivered lumens: 536, LM/W=62, test no. LTL28997P1, tested in accordance with IESNA LM 79-80.



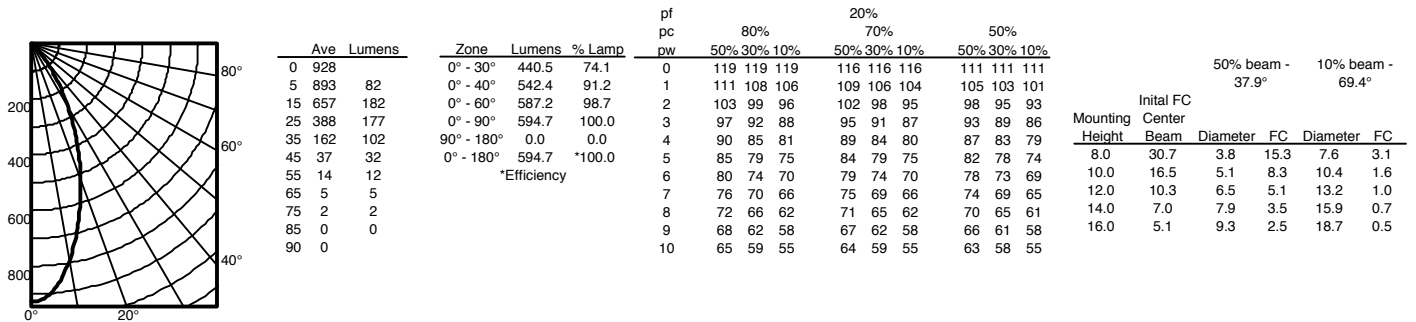
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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3iGMW LED, 3000 K LEDs, input watts: 8.5, delivered lumens: 571, LM/W=67, test no. LTL28997, tested in accordance with IESNA LM 79-80.



Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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3iGMW LED, 4000 K LEDs, input watts: 8.5, delivered lumens: 595, LM/W=70, test no. LTL28997P2, tested in accordance with IESNA LM 79-80.



3iG 3" LED iGimbal Module

DIMMING AND ENERGY DATA

ENERGY DATA*			
Lumens	530	560	590
Watts	8.7	8.7	8.7
LPW	61	64	68
CRI	91	91	92
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 B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Min. Power Factor	0.90	0.90	0.90
Input current	0.07A	0.07A	0.07A

*Values at non-dimming line voltage.

COMPATIBLE DIMMER SWITCHES			
Manufacturer	Model/Series	Part Numbers	Type
Sensor Switch	nLight	nSP5 PCD 2W	2-Way 575W Incandescent
		nSP5 PCD ELV 120	475W Electronic Low Voltage
Pass & Seymour	Harmony	HCL453PTCCCV6	3-Way 450W LED and CFL
Leviton	Sure Slide™ Decora	6633-P	3-Way 600W Incandescent
		6615-P	3-Way 300W Incandescent
Lutron	Skylark	SELV-300P	300W Electronic Low Voltage
	Nova T	NTELV-300P	300W Electronic Low Voltage

When installing the LED Modules on a run with a dimmer, please use the following rule of thumb when determining the number of fixtures controlled by a single dimmer:

- Figure that each LED fixture represents a 65 Watt load
- Divide the maximum load of the dimmer by 65 watt fixture load. (round down to the nearest whole number).


Example:

Dimmer max load=600 watts

LED fixture load=65 watts

600 watts/65 watts per fixture=9 fixtures per run

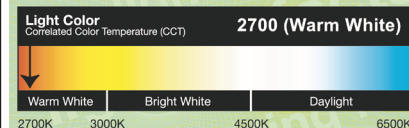
Lithonia Lighting



Light Output (Lumens)	530
Watts	8.7
Lumens per Watt (Efficacy)	60.92

Color Accuracy	90
Color Rendering Index (CRI)	

Light Color	2700 (Warm White)
Correlated Color Temperature (CCT)	




2700K 3000K 4500K 6500K

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 for the Label Reference Guide.

Registration Number: NJSM-SHD1QC (10/27/2015)
Model Number: 3iGxx LED 27K 90CRI
Type: Luminaire - Downlight

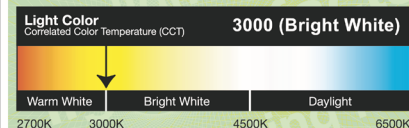
Lithonia Lighting



Light Output (Lumens)	560
Watts	8.7
Lumens per Watt (Efficacy)	64.37

Color Accuracy	91
Color Rendering Index (CRI)	

Light Color	3000 (Bright White)
Correlated Color Temperature (CCT)	




2700K 3000K 4500K 6500K

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Registration Number: NJSM-OYCAE3 (10/28/2015)
Model Number: 3iGxx LED 30K 90CRI
Type: Luminaire - Downlight

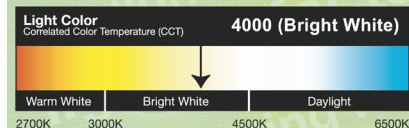
Lithonia Lighting



Light Output (Lumens)	590
Watts	8.7
Lumens per Watt (Efficacy)	67.82

Color Accuracy	92
Color Rendering Index (CRI)	

Light Color	4000 (Bright White)
Correlated Color Temperature (CCT)	



2700K 3000K 4500K 6500K

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Registration Number: NJSM-HTXM2X (11/2/2015)
Model Number: 3iGxx LED 40K 90CRI
Type: Luminaire - Downlight