

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 50° of adjustable tilt. 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 65W 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. E26 socket adapter and splice kit ships standard. This enables easy installation or permanent conversion to an LED source for Title 24 compliance. Trim retention is achieved by utilizing two side-mounted torsion springs to ensure a consistently tight fit with the ceiling and 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.

Catalog Number
Notes
Type

6iG

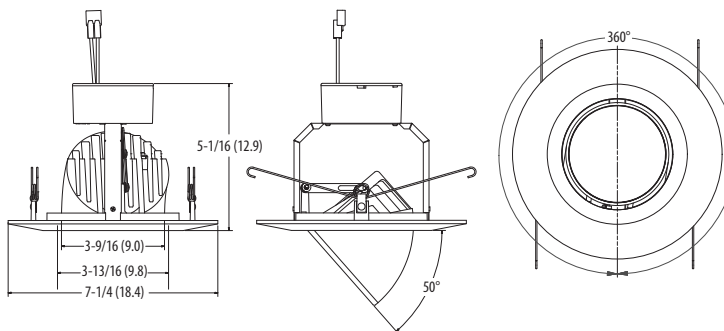
IC/Non-IC
Retrofit iGimbal



Specifications

Aperture:	3-9/16 (9.0)
Ceiling opening:	as rough-in
Height:	5-1/16 (12.9)
Overlap trim:	7-1/4 (18.4)

All dimensions are inches (centimeters) unless otherwise indicated.



ORDERING INFORMATION

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

Example: 6iGMW LED 30K 90CRI L7XLED T24

6iG				LED						
Series/Finish				Lamp	CCT/CRI/W/Lumens ²		Voltage		Options	
6iG	6" iGimbal module	MW	Matte white	LED	27K 90CRI	2700K/92CRI/11.9W/ 720L	(blank)	120V	L7XLED T24	IC rated, new construction rough-in LED base
		MB	Matte black ¹		30K 90CRI	3000K/92CRI/12.2W/ 750L			L7XRLED T24	IC rated, remodel rough-in LED base
		BN	Brush nickel ¹		40K 90CRI	4000K/95CRI/11.6W/ 770L ³			L7X	IC rated, new construction rough-in ⁴
		ORB	Oil-rubbed bronze ¹						L7XR	IC rated, remodel rough-in ⁴

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.
- Must be ordered on a separate line.

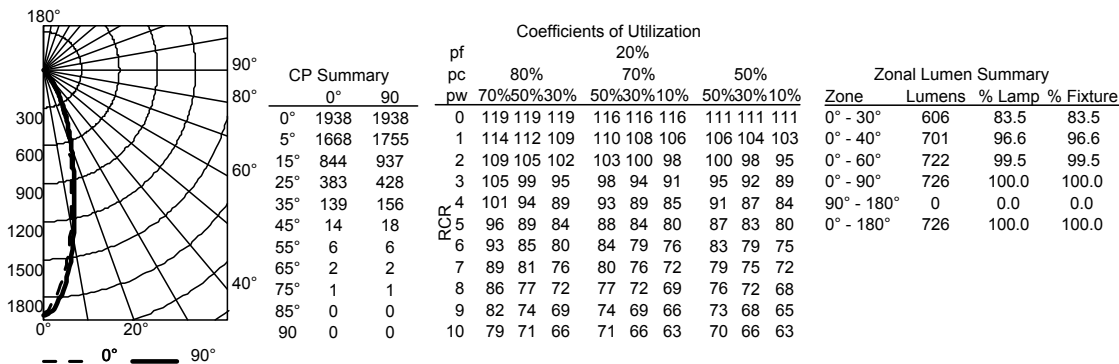
Accessories: Order as separate catalog number.	
TSA6	Makes non-bracket housings compatible with LED module
FL2LED	Makes L7XF housings compatible with LED module

6iG 6" LED iGimbal Module

PHOTOMETRICS

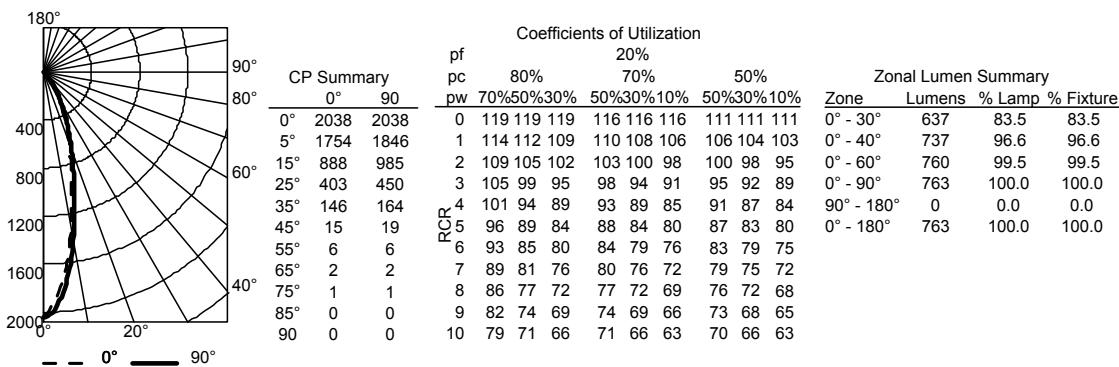
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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6iGMW LED, 2700 K LEDs, input watts: 11.8, delivered lumens: 726, LM/W=62, test no. LTL28991P1, tested in accordance with IESNA LM 79-80.



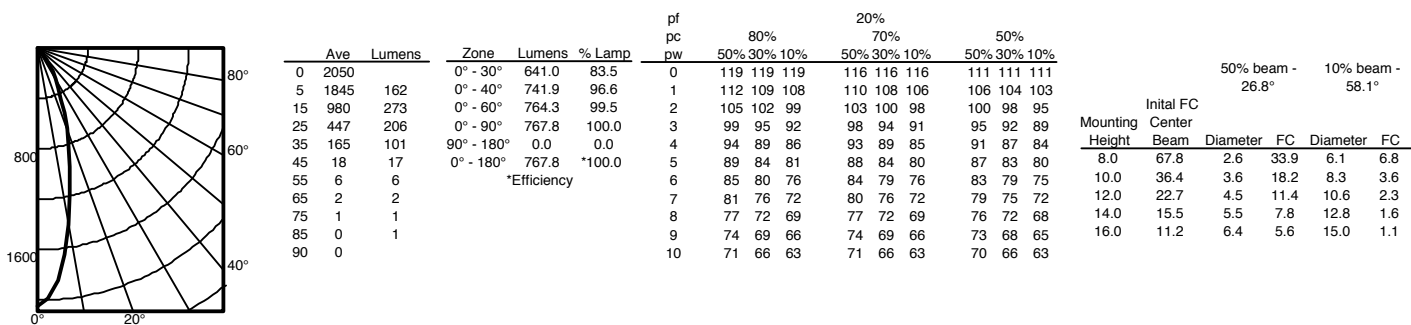
Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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6iGMW LED, 3000 K LEDs, input watts: 11.8, delivered lumens: 763, LM/W=65, test no. LTL28991, tested in accordance 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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6iGMW LED, 4000 K LEDs, input watts: 11.8, delivered lumens: 768, LM/W=65, test no. LTL28991P2, tested in accordance with IESNA LM 79-80.



DIMMING AND ENERGY DATA

ENERGY DATA – 6iG*			
Lumens	720	750	770
watts	11.9	12.2	11.6
LPW	61	61	66
CRI	92	92	95
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	0.10A	0.10A	0.10A

*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

