LITHONIA LIGHTING®

6G1

FEATURES & SPECIFICATIONS

INTENDED USE — The adjustable LED Gimbal downlighting module is 80% more efficient than incandescent luminaries, 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 65W incandescent flood lamp.

Wide flood beam angle at >90°. Utilizes 3000 K color temperature LEDs. CRI – 83+. 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.

Standard input wattage is 10.8 watts, 57 lumens per watt; equivalent to 65-watt incandescent

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 — 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/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.

IC/Non-IC Retrofit Gimbal

DIMMABLE LED

DAMP LOCATION™

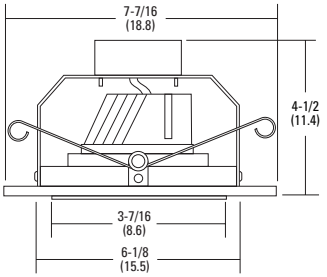
ENERGY STAR

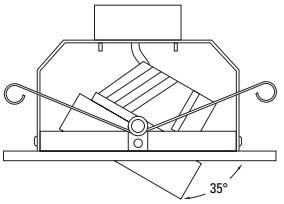
Matte Black | Brush Nickel | Oil Rubbed Bronze

Specifications

Aperture:	3-7/16 (8.6)
Ceiling opening:	as rough-in
Length:	6-1/8 (15.5)
Height:	4-1/2 (11.4)
Overlap trim:	7-7/16 (18.8)

All dimensions are inches (centimeters) unless otherwise indicated.





E26 Adaptor (included)

Hardwire Kit (included)

ORDERING INFORMATION For shortest lead times, configure product using **bolded options.**

Example: 6G1MW LED L7XLED T24

6G1			LED					
Series/Finish			**Lamp/Lumen**[1]		**Color temperature**		**Voltage**		**Options**	
Series		Finish								
6G1	6" Gimbal module	**MW**	Matte white	**LED**	620 lumens, 10.8 watts	**(blank)**	3000 K	**(blank)**	120V	**L7XLED T24**	IC/Non-IC rated, new construction rough-in LED base
		MB	Matte black							L7XRLED T24	IC/Non-IC rated, remodel rough-in LED base
		BN	Brush nickel							LC6LED T24	IC/Non-IC rated, new construction rough-in LED base
		ORB	Oil-rubbed bronze							**L7X**	IC/Non-IC rated, new construction rough-in[2]
										L7XR	IC/Non-IC rated, remodel rough-in[2]
										LC6	IC/Non-IC rated, new construction rough-in[2]

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

FL2LED
Fluorescent Adapter Kit

Notes

1 Total system delivered lumens.

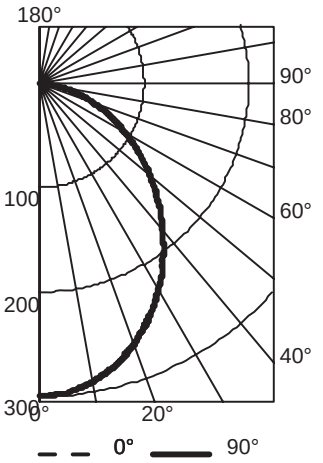
2 Must be ordered on separate line.

6G1 6" LED Gimbal Module

PHOTOMETRICS

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

6G1MW LED, 3000 K LEDs, input watts: 10.7, delivered lumens: 698, LM/W = 65, test no. LTL23823, tested in accordance with IESNA LM 79-80.



CP Summary

	0°	90
0°	299	299
5°	296	298
15°	278	280
25°	245	248
35°	204	206
45°	158	160
55°	115	116
65°	73	74
75°	36	36
85°	7	6
90	0	0

Coefficients of Utilization

RCR	pf 20%	pc 80%			70%			50%		
	pw	70%	50%	30%	50%	30%	10%	50%	30%	10%
0		119	119	119	116	116	116	111	111	111
1		110	105	101	103	99	96	99	96	93
2		100	92	86	90	85	80	87	82	78
3		92	82	74	80	73	67	77	71	66
4		84	73	64	72	64	58	69	62	57
5		78	65	57	64	56	50	62	55	50
6		72	59	51	58	50	44	56	49	44
7		67	54	45	53	45	39	52	44	39
8		62	49	41	49	41	35	47	40	35
9		58	45	37	45	37	32	44	37	32
10		55	42	34	42	34	29	41	34	29

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	221	31.6	31.6
0° - 40°	350	50.1	50.1
0° - 60°	578	82.7	82.7
0° - 90°	699	100.0	100.0
90° - 180°	0	0.0	0.0
0° - 180°	699	100.0	100.0

ENERGY DATA*	
Lumens	620
Min. starting temp	-18°C (0°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class A
Sound rating	Class A standards
Input voltage	120V
Min. power factor	0.80
Input frequency	50/60 Hz
Rated wattage	10.8W
Input power	10.8W
Input current	0.11A

*Values at non-dimming line voltage.