

FEATURES & SPECIFICATIONS

INTENDED USE

The LED Globe provides an attractive low-cost lighting solution in residential and light commercial applications. Ideal for use in foyers, hallways, bedrooms, closets, offices, utility work areas, stairways and many other areas.

CONSTRUCTION

Popular globe shape fixture with choice of white, polished brushed nickel or bronze housing. White glass globe diffuser provides widespread, uniform illumination. Three side-mounted thumb screws provide easy access for cleaning.

OPTICS

Produces 635 lumens (4000K) at 50,000 hours of life.

ELECTRICAL

Fixture operates at 120 volts, 60Hz. Standard input = 8.7 watts, 60 lumens per watt.

Actual wattage may differ by +/- 5% when operating at 120V +/- 10%.

Works with most standard incandescent dimmers (see list of approved dimmers).

INSTALLATION

All mounting hardware included.

LISTINGS

UL Certified to US and Canadian safety standards and listed suitable for damp locations.

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

Decorative Indoor



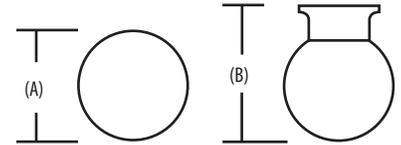
LED Globe Flush Mount

ESSENTIALS COLLECTION



Specifications

(A) Width: 6 (15.2)
(B) Extension*: 7 (17.7)
Weight: 1.8 lbs.



* Extension from ceiling.
All dimensions are inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: FMGL0L 6 7840 WH

Series	Module/CRI/Color Temperature	Finish
FMGL0L 6 6" Flush mount LED globe, 6" diameter	7840 > 80 CRI, 4000K	WH White
	7835 > 80 CRI, 3500K ¹	BNP Polished brushed nickel
	7830 > 80 CRI, 3000K	BZ Bronze
	7827 > 80 CRI, 2700K ¹	

Replacement parts: Order as separate catalog number.	
DGLOB6	Glass diffuser, white

Notes

¹ Minimum 90-day lead time for non-standard color temperatures; minimum 50 order quantity.

LED Globe Flush Mount

LIGHTING FACTS

Lithonia Lighting

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

Light Output (Lumens) 635
Watts 8.7
Lumens per Watt (Efficacy) 72.99

Color Accuracy 80
Color Rendering Index (CRI)

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

Warm White 3000K Bright White 4500K Daylight 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-JDQFWD (2/3/2015)
Model Number: FMGLOL 6 7840
Type: Luminaire - Decorative

Lithonia Lighting

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

Light Output (Lumens) 526
Watts 8.7
Lumens per Watt (Efficacy) 60.46

Color Accuracy 80
Color Rendering Index (CRI)

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

Warm White 3000K Bright White 4500K Daylight 6500K

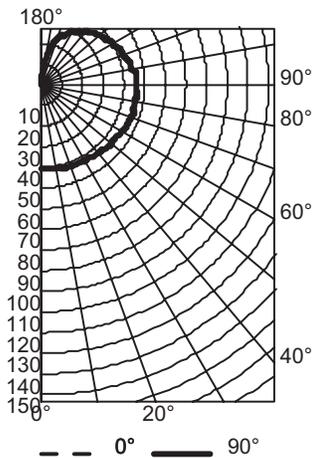
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Registration Number: NJSM-NBR3RW (12/3/2014)
Model Number: FMGLOL 6 7830
Type: Luminaire - Decorative

PHOTOMETRICS

FMGLOL 6 7830 WH, 526 delivered lumens, test no. LTL 265855 tested in accordance to IESNA LM-79.



CP Summary

	0°	90°
0°	41	41
5°	41	41
15°	42	42
25°	42	42
35°	43	43
45°	44	44
55°	46	44
65°	46	46
75°	47	46
85°	47	46
90°	46	46

Coefficients of Utilization

ROR	pf	20%						50%						
		pc	80%			70%			50%			30%		
		pw	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	30%	10%
0		0	108	108	108	100	100	100	86	86	86			
1		1	94	88	82	81	76	71	68	64	60			
2		2	84	74	66	68	61	55	57	51	47			
3		3	75	64	54	58	50	44	49	42	37			
4		4	68	55	46	51	43	36	43	36	31			
5		5	62	49	39	45	36	30	38	31	26			
6		6	57	43	34	40	32	26	34	27	22			
7		7	53	39	30	36	28	22	30	24	19			
8		8	49	35	27	32	25	19	27	21	16			
9		9	45	32	24	30	22	17	25	19	15			
10		10	42	29	21	27	20	15	23	17	13			

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	35	6.8	6.8
0° - 40°	62	12.0	12.0
0° - 60°	136	26.2	26.2
0° - 90°	281	54.2	54.2
90° - 120°	137	26.5	26.5
90° - 130°	172	33.2	33.2
90° - 150°	219	42.3	42.3
90° - 180°	237	45.8	45.8
0° - 180°	518	100.0	100.0

SUGGESTED DIMMERS

The FMGLOL is designed to operate with most standard Triac Based dimmers and is not compatible with 0-10v dimming systems. The following is a list of dimmers tested and does not imply any guarantee or warranty of compatibility with a particular application. Unlisted dimmers do not imply non-compatibility.

Manufacturer	Part number(s)
Lutron	CT-600P/CT-603P
	DV-600P/DV-603P
	CTCL-153P
	DVCL-153P
	AYCL-153P
Leviton	DVELV-300P
	R50-IPL06
	6615-P
Pass & Seymour	HCL453PTCCCV6
Synergy	ISD 600 I 120