

# SPHERE (US)

*Decorative, dim to warm LED lightbulbs.*

- A. SPHERE I (E12)  
3.8 WATT | 220 LUMENS | 2000K TO 2800K  
SPHR-G50-4W-2000/2800K-E12-MP-120V
- B. SPHERE I (E26)  
3.8 WATT | 220 LUMENS | 2000K TO 2800K  
SPHR-G50-4W-2000/2800K-E26-MP-120V
- C. SPHERE II  
6 WATT | 480 LUMENS | 2000K TO 2800K  
SPHR-G75-6W-2000/2800K-E26-MP-120V
- D. SPHERE III  
7 WATT | 600 LUMENS | 2000K TO 2800K  
SPHR-G100-7W-2000/2800K-E26-MP-120V
- E. SPHERE IV  
8 WATT | 680 LUMENS | 2000K TO 2800K  
SPHR-G150-8W-2000/2800K-E26-MP-120V

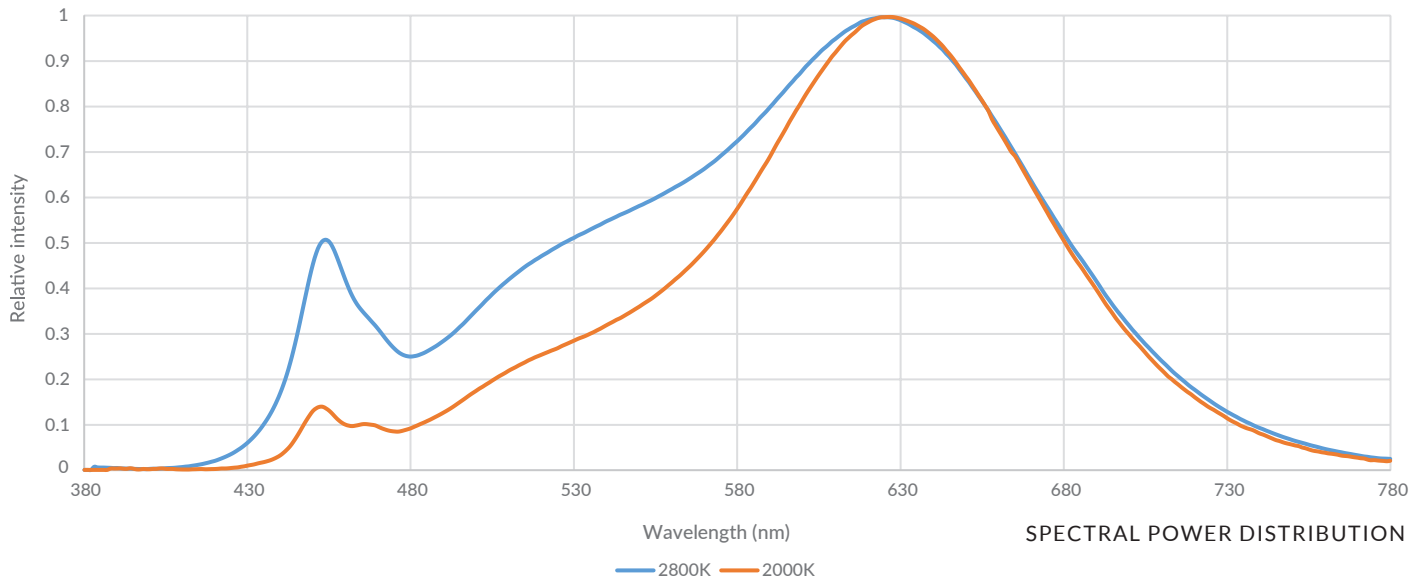
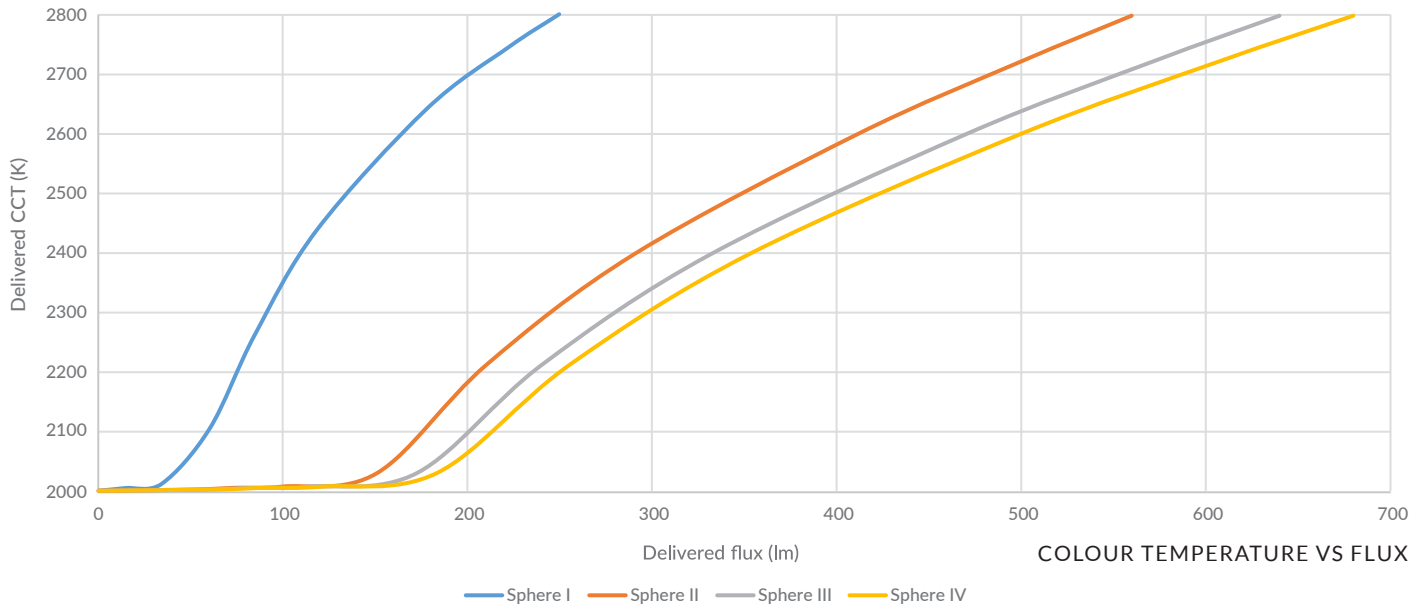


	SPHERE I (E12)	SPHERE I (E26)	SPHERE II	SPHERE III	SPHERE IV
Min. delivered CCT			2000K		
Max. delivered CCT			2800K		
Percent Flicker (IES)			<5%		
Beam angle			360°		
Dimmable			Dim to Warm		
Lifetime			15,000hrs		
Working temp			-5°C to 40°C		
Switch cycles			30,000		
Warm-up time			Instant		
Input frequency			50/60Hz		
Input Voltage			110-120V~		
Finish			Matte White		

Materials	Soda-lime Glass and Brass Cap	Borosilicate Glass and Brass Cap
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Lamp Lumen Output	220	220	480	600	680
CRI(Ra)	95	95	95	95	95
Rated power	3.8W	3.8W	6W	7W	8W
Efficiency (lm/W)	58	58	80	86	85
Replacement power	22W replacement	22W replacement	41W replacement	48W replacement	53W replacement
Bulb shape	G16 (USA)	G16 (USA)	G24 (USA)	G31 (USA)	G47 (USA)
Base cap	E12	E26	E26	E26	E26
Dimensions (W x L mm)	2 x 3.2 in	2 x 3.3 in	3.0 x 4.3 in	3.9 x 5.4 in	5.9 x 7.5 in
Weight	0.04 lbs	0.05 lbs	0.18 lbs	0.26 lbs	0.40 lbs
Power Factor	0.9	0.9	0.9	0.9	0.9

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## Recommended Dimmers

### RECOMMENDED:

- Arditi 1004P
- Lutron Diva DVELV-300P
- Lutron Skylark SELV-300P
- Lutron RA2 Select RRD-6NA
- Lutron Caséta PD-6WCL

### COMPATIBLE:

- Eaton SALO6P
- Forbes & Lomax Rotary Dimmer 120W LED
- Legrand Adorne ADTP703TU
- Legrand Tru-Universal
- Leviton SureSlide 6674
- Leviton Decora DSL06-1LZ
- Lutron Diva DVCL-153P
- Lutron GRAFIK Eye QS w/ TE module
- Lutron HomeWorks Maestro HQRD-6NA
- Lutron Lumea LECL-153P

- Lutron Lumea LGCL-153P
- Lutron Maestro MACL-153M
- Lutron Maestro MAELV-600
- Lutron Maestro MRF2S-6ELV120
- Lutron Skylark SCL-153P
- Lutron Toggler TGCL-153P
- Lutron Diva DV-600P
- Sun-Lite J-50C
- Sun-Lite J-35F

# SPHERE (US)

## COLOUR QUALITY METRICS

2800K

2000K

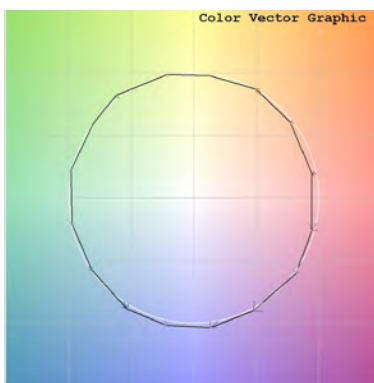
Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	98	99	98	97	98	96	93	88	75	99	98	85	99	99	95
94	96	94	96	97	94	87	92	93	89	89	92	76	95	99	99

## IES TM30

### COLOUR VECTOR GRAPHIC

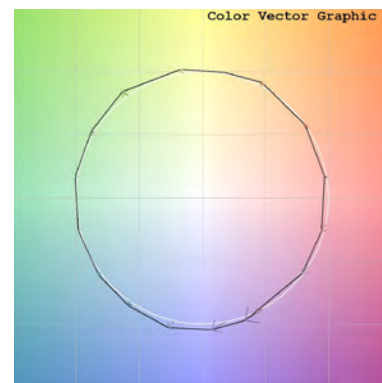
This plot shows the average chromaticity shift for the samples within each of 16 hue bins, which are compiled out of the 99 IES TM-30 Color Evaluation Samples. The values are normalized so that the reference is a circle. Vector arrows indicate the direction and degree of the shift for each hue bin.

- Radial shift indicates an increase/decrease in saturation.
- Tangential shift indicates a shift in hue.
- Length of arrow indicates degree of shift.



2800K (full power)

Colour fidelity (Rf) 92  
Colour Gamut (Rg) 101

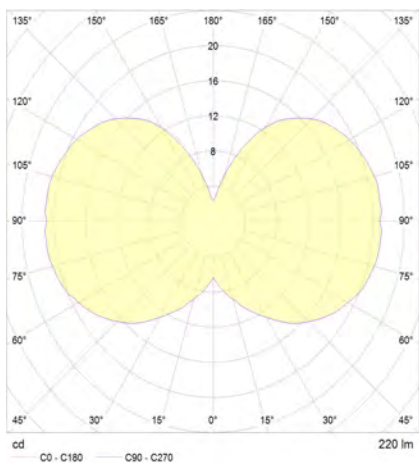


2000K (min power)

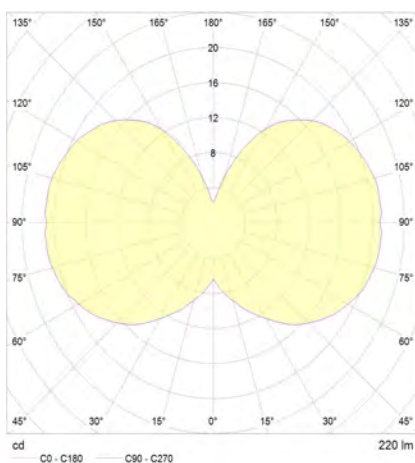
Colour fidelity (Rf) 92  
Colour Gamut (Rg) 104

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

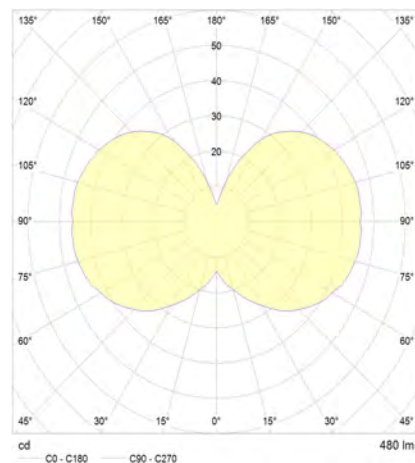
SPHERE I (E14)



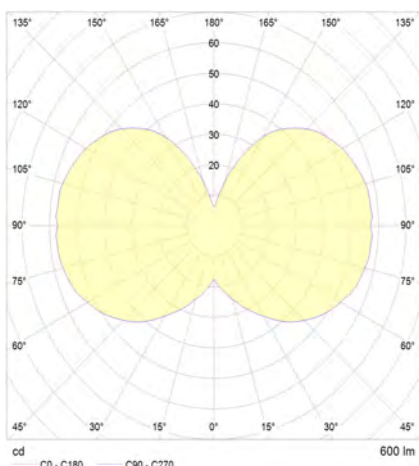
SPHERE I (E27)



SPHERE II



SPHERE III



SPHERE VI

