

SPHERE IV

SKU: SPHR-G150-8W-2000/2800K-E26-MP-120V

tala®

8 WATT | 680 LUMENS | 2000K TO 2800K

Decorative, dim to warm LED lightbulb. This lamp uses 8 Watts of power and achieves 680 Lumens at a CRI of 95. It has an IP54 rating.

DIM TO WARM
TECHNOLOGY



LAMP

Shape: G47 (USA)
Materials: Borosilicate Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E26
Weight: 180 g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 110-120V



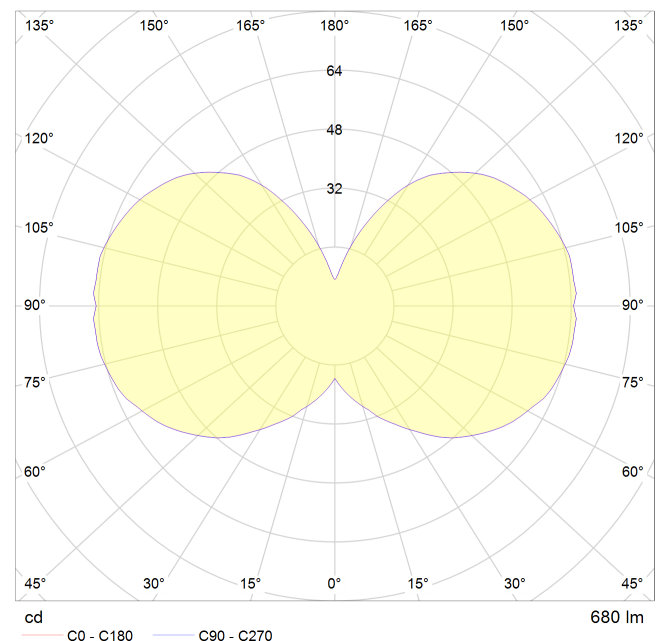
BULB DIMENSIONS

5.9 x 7.5 in
(Width x Length)

PERFORMANCE

CRI (colour rendering index)	95
Lamp lumen output	680lm
Flicker	<5%
Lumens per circuit watt (LM/W)	85lm/W
Lifetime (TM-21) (hours)	15,000hrs
Colour Temperature	2000K - 2800K
Power factor	0.8

POLAR DIAGRAM



DIMMING

Dimmable: Yes
Dimming type: Leading edge or Trailing edge
Recommended Dimmer: Lutron DVELV-300P

Please see the product family datasheet for a full list of compatible dimmers.

IES/LDT FILE

Available upon request.

EAN US: 5060400152872

IP54



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Specification subject to change without notice. Refer to our website for the most recent product documentation.

SPHERE (US)

Decorative, dim to warm LED lightbulbs.

I. SPHERE I (E12)

4 WATT | 220 LUMENS | 2000K TO 2800K
SPHR-G50-4W-2000/2800K-E12-MP-120V

II. SPHERE I (E26)

4 WATT | 220 LUMENS | 2000K TO 2800K
SPHR-G50-4W-2000/2800K-E26-MP-120V

III. SPHERE II

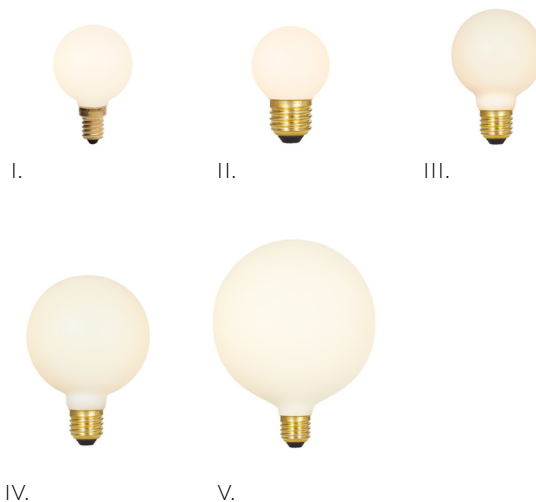
8 WATT | 560 LUMENS | 2000K TO 2800K
SPHR-G75-8W-2000/2800K-E26-MP-120V

IV. SPHERE III

8 WATT | 640 LUMENS | 2000K TO 2800K
SPHR-G100-8W-2000/2800K-E26-MP-120V

V. SPHERE IV

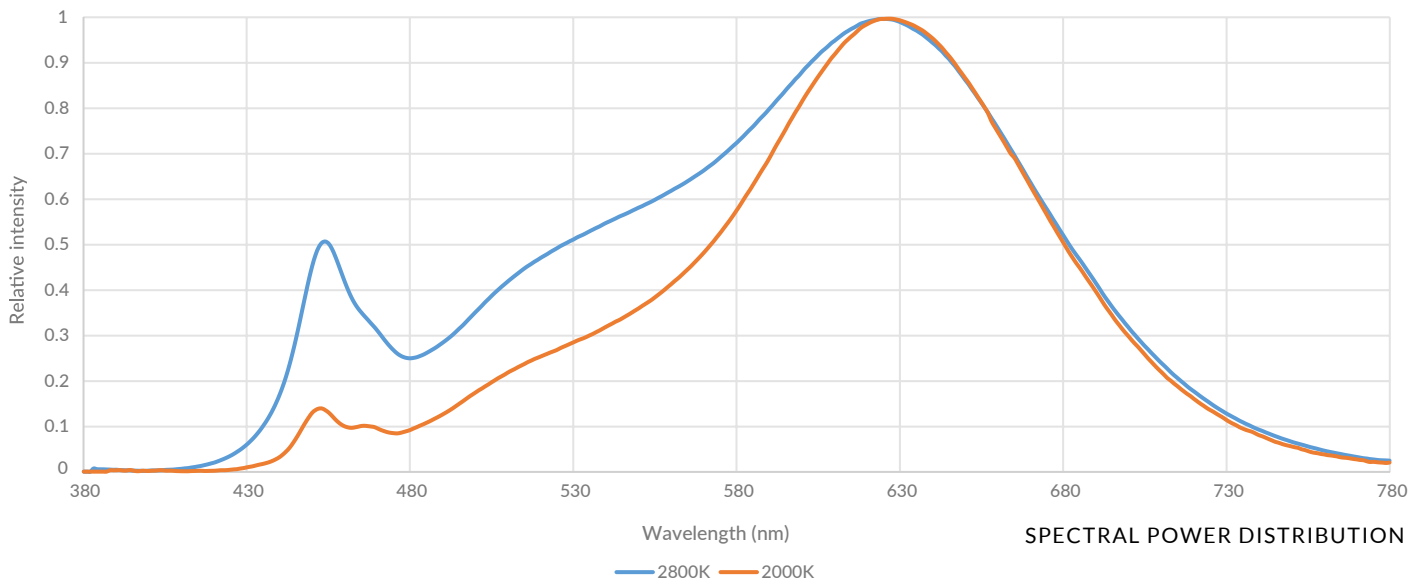
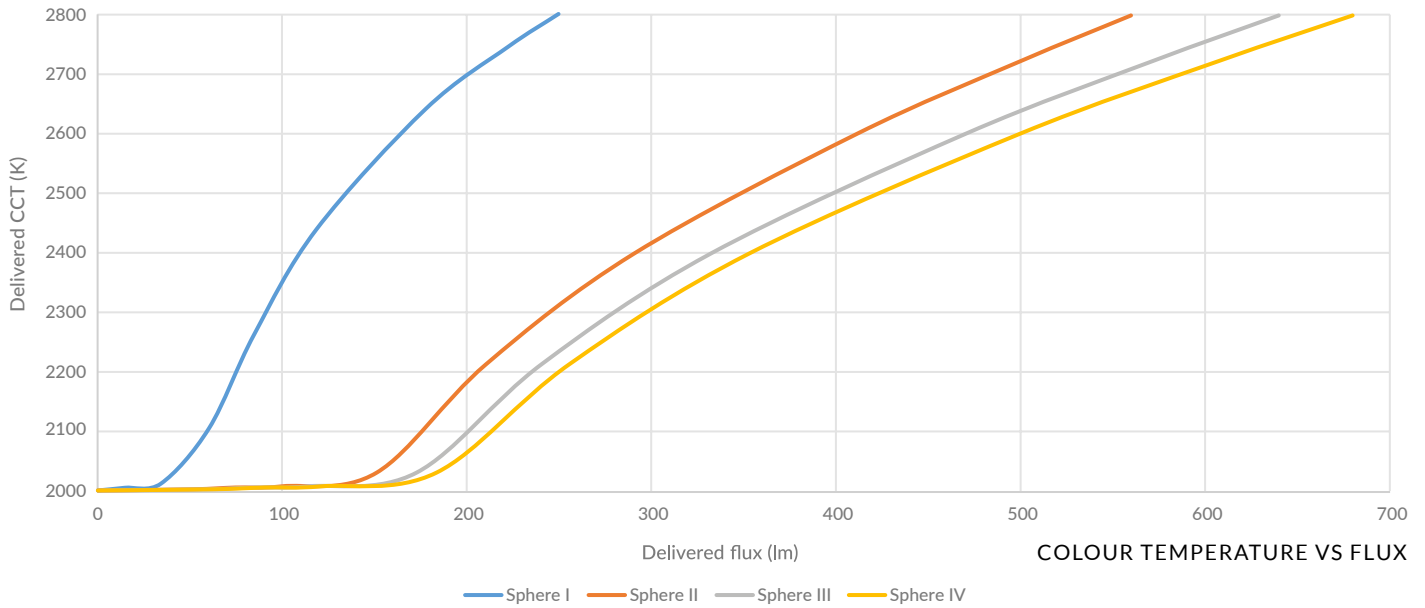
8 WATT | 680 LUMENS | 2000K TO 2800K
SPHR-G150-8W-2000/2800K-E26-MP-120V



	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				
Materials	Soda-lime Glass and Brass Cap				
Finish	Matte White				

	SPHERE I (E12)	SPHERE I (E26)	SPHERE II	SPHERE III	SPHERE IV
Lamp Lumen Output	220	220	560	640	680
CRI(Ra)	95	95	95	95	95
Rated power	4W	4W	8W	8W	8W
Efficiency (lm/W)	55	55	70	80	85
Replacement power	22W replacement	22W replacement	46W replacement	51W 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 in)	2 x 3.2 in	2 x 3.3 in	2.9 x 3.9 in	3.9 x 5.4 in	5.9 x 7.7 in
Weight	17g	23g	82g	116g	180g
Power Factor	0.9	0.9	0.8	0.8	0.8

SPHERE (US)



Recommended Dimmers

RECOMMENDED:

Arditi 1004P
Lutron Diva DVELV-300P
Lutron SELV-300P
Lutron RRD-6NA

COMPATIBLE:

Eaton SALO6P
Forbes & Lomax
FLRLV603P HueRich HD-
U100-H Legrand
ADTP703TU Legrand Tru-
Universal Leviton SureSlide
6674 Leviton Decora
DSL06-1LZ Lutron
DVCL-153P
Lutron GRAFIK Eye QS
Lutron HQRD-6NA
Lutron LECL-153P
Lutron LGCL-153P
Lutron MACL-153M

Lutron MAELV-600
Lutron MRF2S-6ELV120
Lutron PD-6WCL
Lutron SCL-153P
Lutron TGCL-153P
Lutron DV-600P
Sun-Lite J-50C
Sun-Lite J-35F

SPHERE (US)

COLOUR QUALITY METRICS

2800K

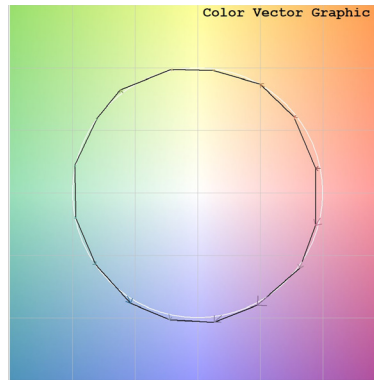
2000K

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

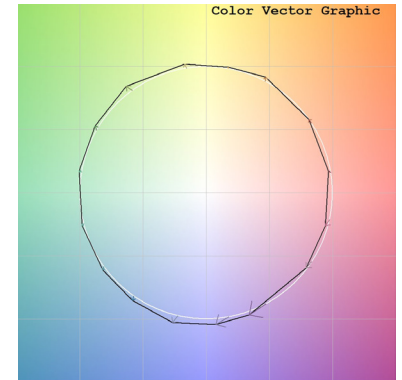
This plot shows the average chromaticity shift for the samples within each of 16 hue bins, which are compiled out of the 99 IES TM-30 Color Evaluation Samples. The values are normalized so that the reference is a circle. Vector arrows indicate the direction and degree of the shift for each hue bin.

- 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

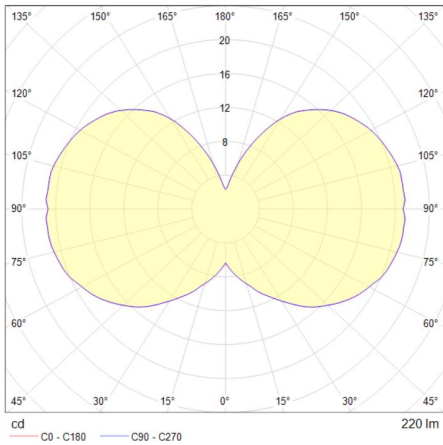


2000K (min power)

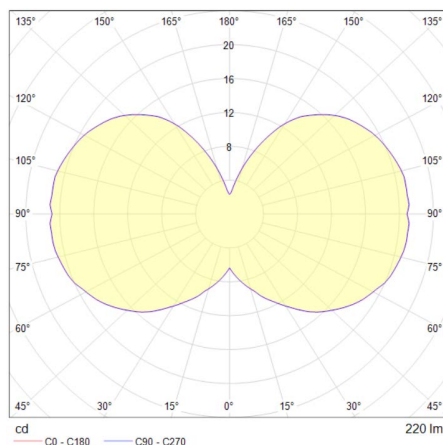
Colour fidelity (Rf) 92
Colour Gamut (Rg) 104

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

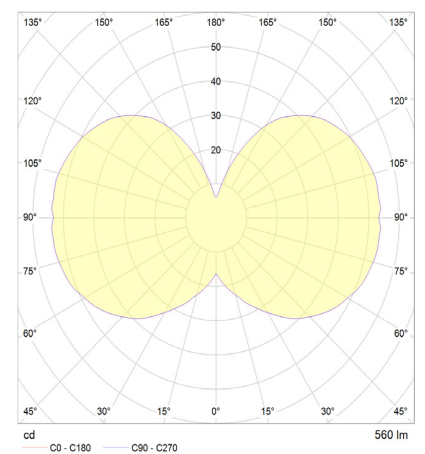
SPHERE I (E12)



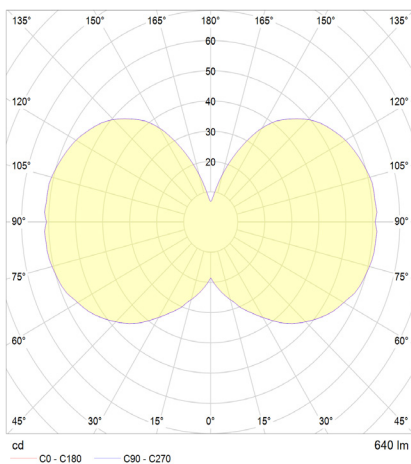
SPHERE I (E26)



SPHERE II



SPHERE III



SPHERE VI

