

Sphere I E14

Sphere I E27

Sphere II

Sphere III

Sphere IV

SPHERE I (E14)

SKU: SPHR-G50-4W-2000/2800K-E14-MP

tala®

4.6 WATT | 250 LUMENS | 2000K TO 2800K

Decorative, dim to warm LED lightbulb. This lamp uses 4.6 Watts of power and achieves 250 Lumens at a CRI of 95. It has an IP54 rating.

DIM TO WARM
TECHNOLOGY



LAMP

Shape: G50
Materials: Soda-lime Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E14
Weight: 17g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 220-240V



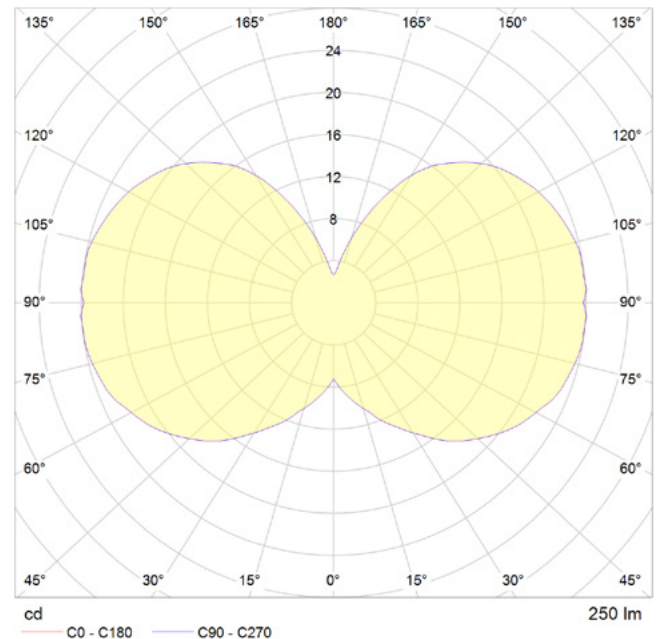
BULB DIMENSIONS

50 x 79 mm
(Width x Length)

PERFORMANCE

CRI (colour rendering index)	95
Lamp lumen output	250lm
Flicker	<5%
Lumens per circuit watt (LM/W)	55lm/W
Lifetime (TM-21) (hours)	15,000hrs
Colour Temperature	2000K - 2800K
Power factor	0.9

POLAR DIAGRAM



DIMMING

Dimmable: Yes
Dimming type: Trailing edge
Recommended EU Dimmer: Varilight - V-pro

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

IES/LDT FILE

Available upon request.

EAN UK: 5060400152902



SPHERE I (E27)

SKU: SPHR-G50-4W-2000/2800K-E27-MP

tala

4.6 WATT | 250 LUMENS | 2000K TO 2800K

DIM TO WARM
TECHNOLOGY

Decorative, dim to warm LED lightbulb. This lamp uses 4.6 Watts of power and achieves 250 Lumens at a CRI of 95. It has an IP54 rating.



LAMP

Shape: G50
Materials: Soda-lime Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E27
Weight: 23g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 220-240V



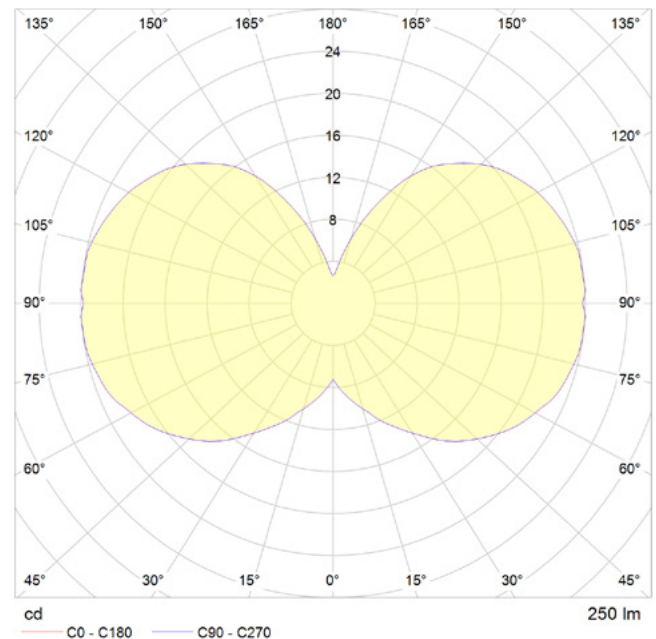
BULB DIMENSIONS

50 x 75 mm
(Width x Length)

PERFORMANCE

CRI (colour rendering index)	95
Lamp lumen output	250lm
Flicker	<5%
Lumens per circuit watt (LM/W)	55lm/W
Lifetime (TM-21) (hours)	15,000hrs
Colour Temperature	2000K - 2800K
Power factor	0.9

POLAR DIAGRAM



DIMMING

Dimmable: Yes
Dimming type: Trailing edge
Recommended EU Dimmer: Varilight - V-pro

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

IES/LDT FILE

Available upon request.

EAN UK: 5060400152926

IP54



SPHERE II

SKU: SPHR-G75-8W-2000/2800K-E27-MP

tala

8 WATT | 560 LUMENS | 2000K TO 2800K

DIM TO WARM
TECHNOLOGY

Decorative, dim to warm LED lightbulb. This lamp uses 8 Watts of power and achieves 560 Lumens at a CRI of 95. It has an IP54 rating.



LAMP

Shape: G75
Materials: Borosilicate Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E27
Weight: 82g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 220-240V



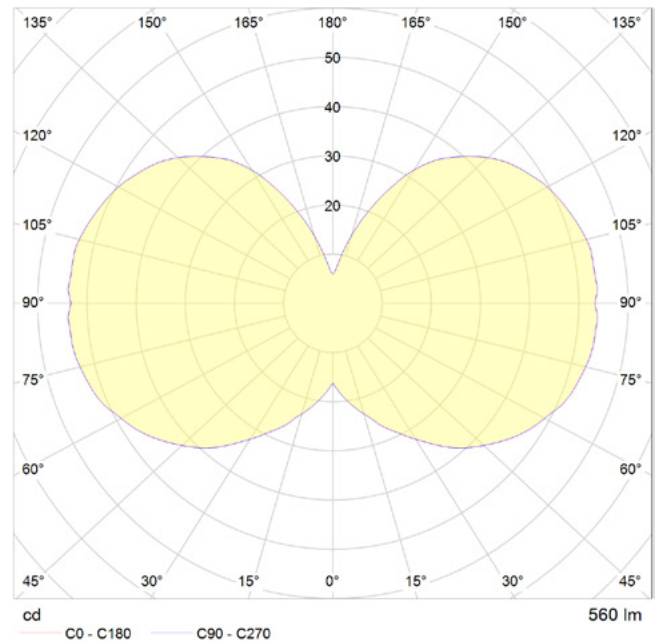
BULB DIMENSIONS

75 x 100 mm
(Width x Length)

PERFORMANCE

CRI (colour rendering index)	95
Lamp lumen output	560lm
Flicker	<5%
Lumens per circuit watt (LM/W)	70lm/W
Lifetime (TM-21) (hours)	15,000hrs
Colour Temperature	2000K - 2800K
Power factor	0.8

POLAR DIAGRAM



DIMMING

Dimmable: Yes
Dimming type: Trailing edge
Recommended EU Dimmer: Varilight - V-pro

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

IES/LDT FILE

Available upon request.

EAN UK:5060400152940

IP54



SPHERE III

SKU: SPHR-G100-8W-2000/2800K-E27-MP

tala

8 WATT | 640 LUMENS | 2000K TO 2800K

DIM TO WARM
TECHNOLOGY

Decorative, dim to warm LED lightbulb. This lamp uses 8 Watts of power and achieves 640 Lumens at a CRI of 95. It has an IP54 rating.



LAMP

Shape: G100
Materials: Borosilicate Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E27
Weight: 116g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 220-240V



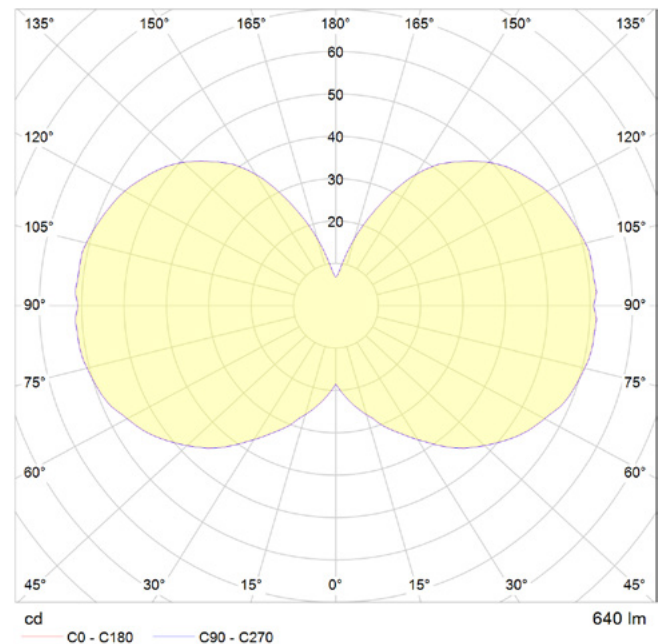
BULB DIMENSIONS

100 x 137 mm
(Width x Length)

PERFORMANCE

CRI (colour rendering index)	95
Lamp lumen output	640lm
Flicker	<5%
Lumens per circuit watt (LM/W)	80lm/W
Lifetime (TM-21) (hours)	15,000hrs
Colour Temperature	2000K - 2800K
Power factor	0.8

POLAR DIAGRAM



DIMMING

Dimmable: Yes
Dimming type: Trailing edge
Recommended EU Dimmer: Varilight - V-pro

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

IES/LDT FILE

Available upon request.

EAN UK: 5060400152858



SPHERE IV

SKU: SPHR-G150-8W-2000/2800K-E27-MP

tala®

8 WATT | 680 LUMENS | 2000K TO 2800K

DIM TO WARM
TECHNOLOGY

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.



LAMP

Shape: G150
Materials: Borosilicate Glass and Brass Cap
Finish: Matte White
Beam angle: 360°
Base: E27
Weight: 180g
Working temperature: -5°C to 40°C
Warm up time: Instant
Warranty: 3 years
Input Voltage: 220-240V



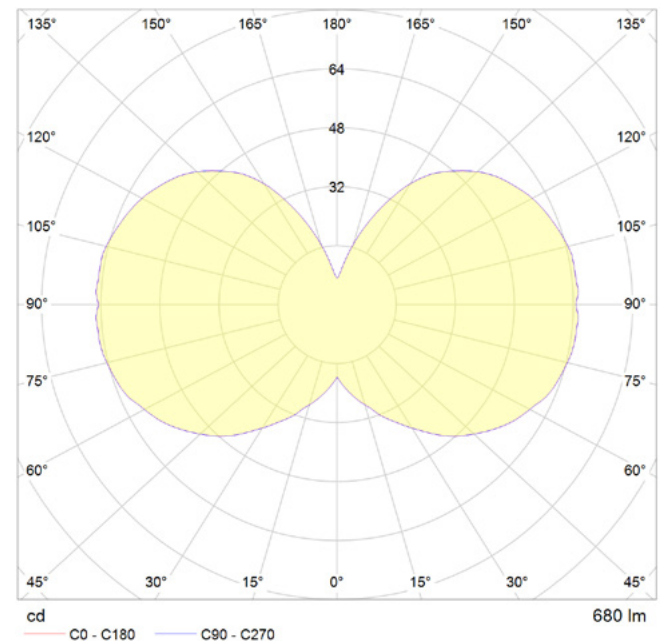
BULB DIMENSIONS

150 x 190 mm
(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: Trailing edge
Recommended EU Dimmer: Varilight - V-pro

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

IES/LDT FILE

Available upon request.

EAN UK: 5060400152889

IP54



SPHERE (UK-EU)

Decorative, dim to warm LED lightbulbs.

I. SPHERE I (E14)

4.6 WATT | 250 LUMENS | 2000K TO 2800K
SPHR-G50-4W-2000/2800K-E14-MP

II. SPHERE I (E27)

4.6 WATT | 250 LUMENS | 2000K TO 2800K
SPHR-G50-4W-2000/2800K-E27-MP

III. SPHERE II

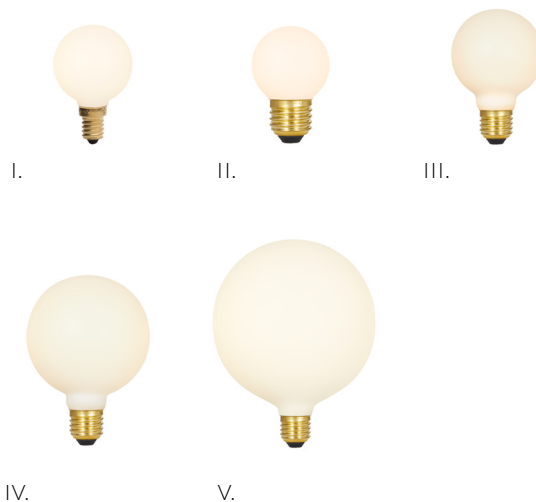
8 WATT | 560 LUMENS | 2000K TO 2800K
SPHR-G75-8W-2000/2800K-E27-MP

IV. SPHERE III

8 WATT | 640 LUMENS | 2000K TO 2800K
SPHR-G100-8W-2000/2800K-E27-MP

V. SPHERE IV

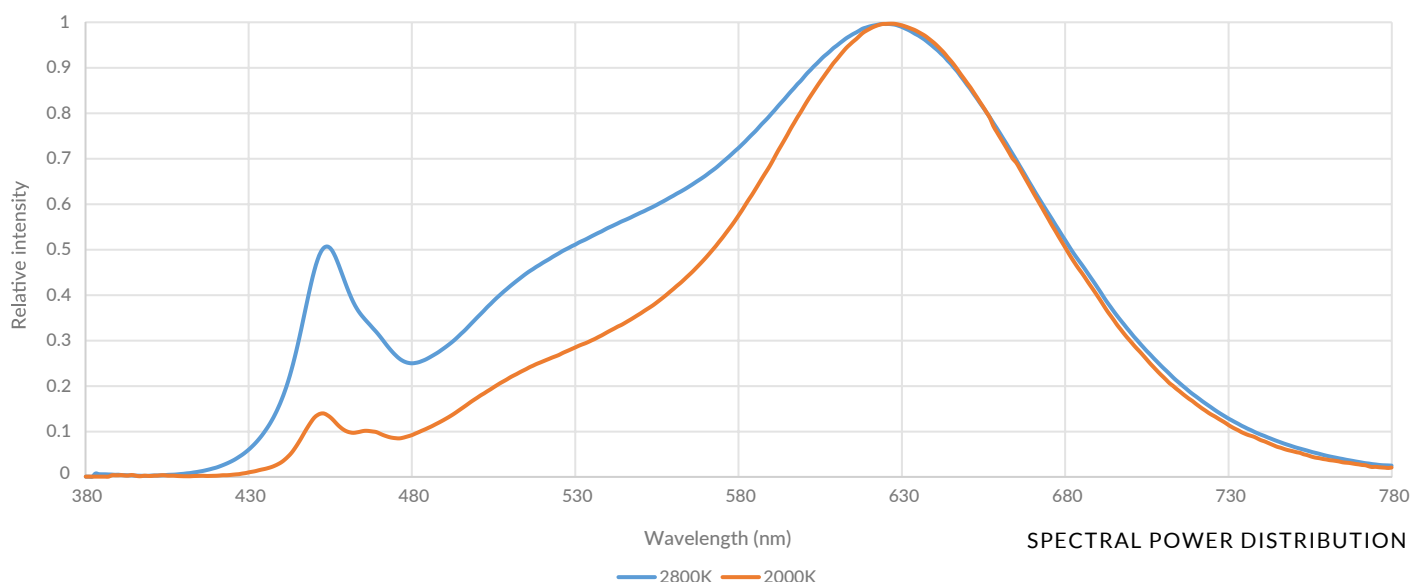
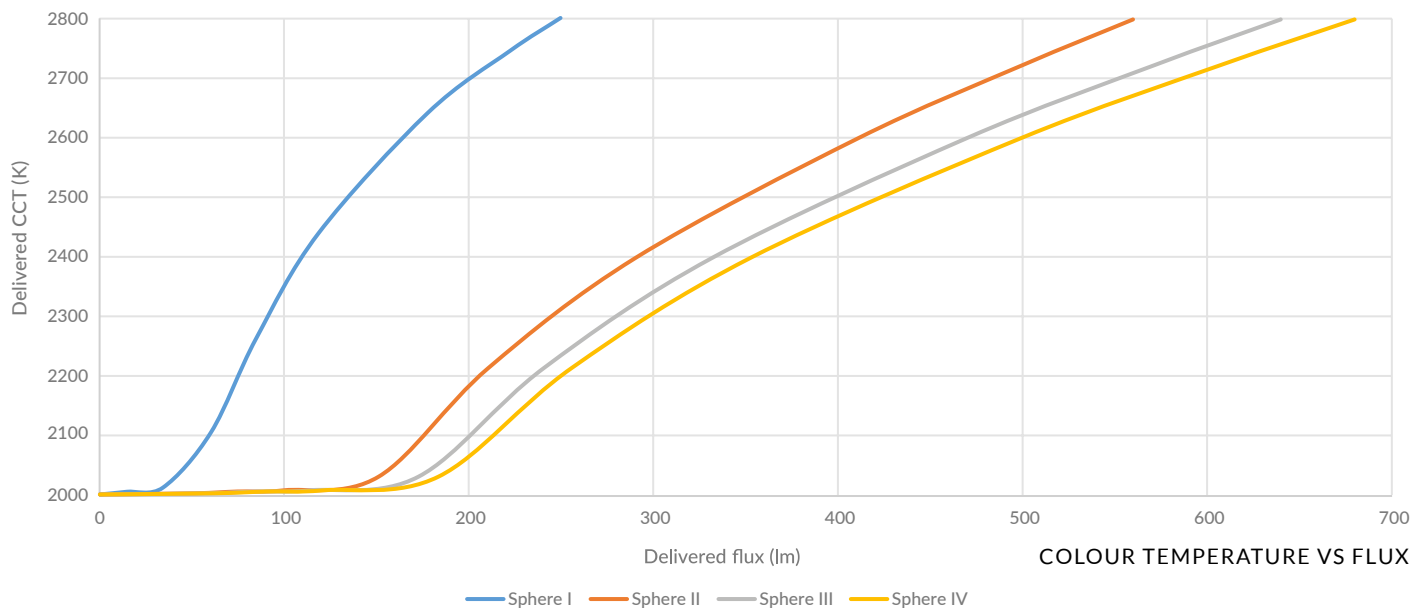
8 WATT | 680 LUMENS | 2000K TO 2800K
SPHR-G150-8W-2000/2800K-E27-MP



	SPHERE I (E14)	SPHERE I (E27)	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			220-240V		
Materials			Soda-lime Glass and Brass Cap		
Finish			Matte White		

	SPHERE I (E14)	SPHERE I (E27)	SPHERE II	SPHERE III	SPHERE IV
Lamp Lumen Output	250	250	560	640	680
CRI(Ra)	95	95	95	95	95
Rated power	4.6W	4.6W	8W	8W	8W
Efficiency (lm/W)	55	55	70	80	85
Replacement power	25W replacement	25W replacement	46W replacement	51W replacement	53W replacement
Bulb shape	G50	G50	G75	G100	G150
Base cap	E14	E27	E27	E27	E27
Dimensions (W x L mm)	50mm x 79.5mm	50mm x 75mm	75mm x 112mm	100mm x 137mm	150mm x 190mm
Weight	17g	23g	82g	116g	180g
Power Factor	0.9	0.9	0.8	0.8	0.8

SPHERE (UK-EU)



Recommended Dimmers

RECOMMENDED:

Varilight V-Pro
 Casambi CBUTED
 Dmax by Domintell 420SL
 Dmax by Domintell 420BLE
 Lutron RA2 Select RRK-R25NE-240

COMPATIBLE:

Bticino L4408N / L4410N / L4411N
 Busch-Jaeger 6523U-102
 Eltako EUD12NPN-UC / EUD61NPN-UC
 EPV Dimmtronic M1000-3.3 / PAB 315
 Gira System2000 / System3000
 Hamilton LEDIT-B100
 HueRich HD-E100M-H
 LE Controls 6TEP200 / 6TEP400 / 6TRD200 / 6TRD400
 Legrand Arteor / Mosaic / Universal
 Lumex LT1D450LSWE
 Lutron GRAFIK Eye QS with NGRX-ELVI-CE / GXI-3104
 Lutron HomeWorks QS HQRK-R25NE-240 / HQRM-R25NE-240 / LQSE-4A1-D / LQSE-4A-D / QSNE-4A-D /

MQSE-2A1-D / MQSE-3A
 Mode Tiger
 Osram HTi DALI 315
 Rako RAK-4T / RMT500
 Relco 101 LED / 5000 LED / RT81 LED / RTS1 LED
 Tecnel TE7636
 Vadsbo LD200 / LD220 / VD200-300 / LDN200
 Varilight V-Pro
 Vimar Eikon 20135.1/20136.1
 Wandsworth Electrical RTD120 / WLC 4x150TD / WLC IR1x150TD
 Zano ZBARLED1000

SPHERE (UK-EU)

COLOUR QUALITY METRICS

2800K

2000K

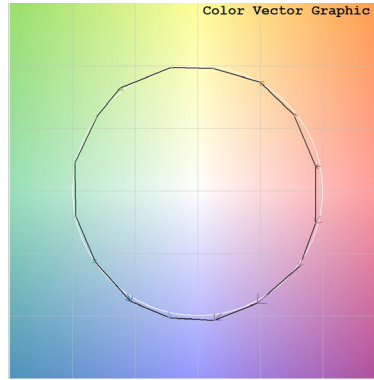
Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	98	99	98	97	98	96	93	88	75	99	98	85	99	99	95
94	96	94	96	97	94	87	92	93	89	89	92	76	95	99	99

IES TM30

COLOUR VECTOR GRAPHIC

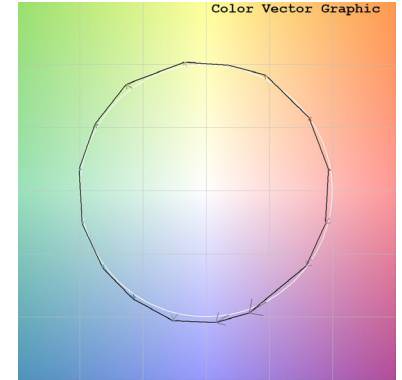
This plot shows the average chromaticity shift for the samples within each of 16 hue bins, which are compiled out of the 99 IES TM-30 Color Evaluation Samples. The values are normalized so that the reference is a circle. Vector arrows indicate the direction and degree of the shift for each hue bin.

- 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

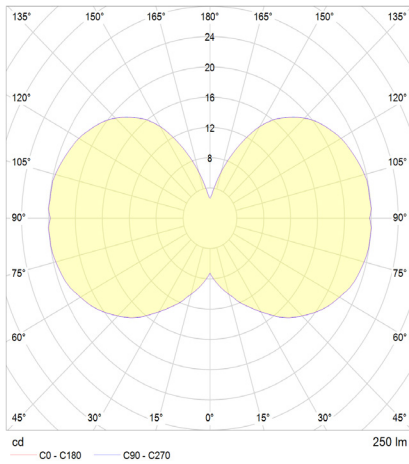


2000K (min power)

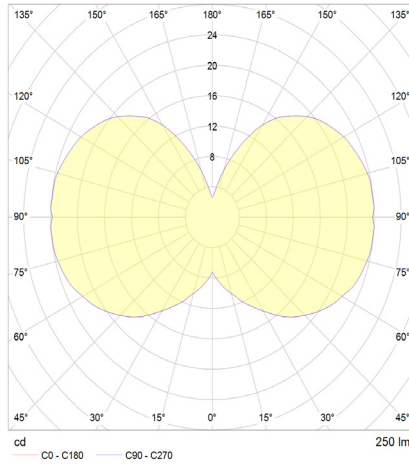
Colour fidelity (Rf) 92
Colour Gamut (Rg) 104

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

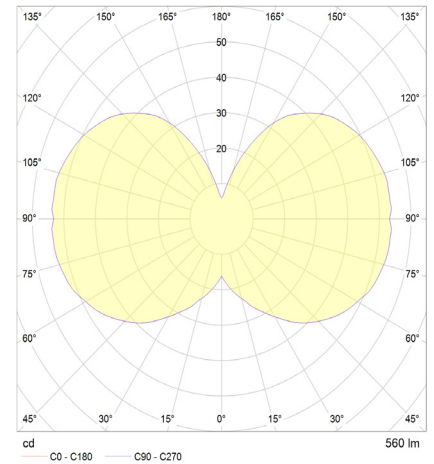
SPHERE I (E14)



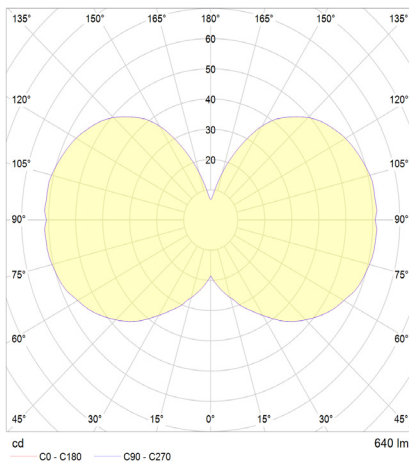
SPHERE I (E27)



SPHERE II



SPHERE III



SPHERE VI

