

# GU10 DOWNLIGHT

tala®

6.5 WATT | 400 LUMENS | 2000K TO 2800K

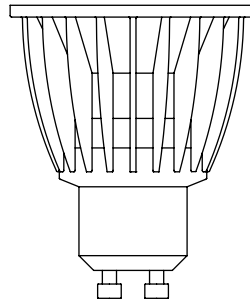
DIM TO WARM  
TECHNOLOGY

Taking the ubiquitous GU10 directional lamp into the 2020s while avoiding the poor dimming, short lifetime and substandard light quality, the Tala GU10 LED offers a truly complete solution. Designed with an efficient aluminium heatsink, this compact and smooth dimmable downlight uses 6.5 Watts of power to deliver 400 lumens with 2800-2000K dim-to-warm with gallery-quality colour rendering CRI 97 (R9 90).



## LAMP

**Shape:** GU10  
**Materials:** Aluminium, Polycarbonate  
**Beam angle:** 38°  
**Base:** GU10  
**Weight:** 62g  
**Working temperature:** -10°C to 40°C  
**Warm up time:** Instant  
**Warranty:** 3 years  
**Input Voltage:** 220-240V, 50/60Hz



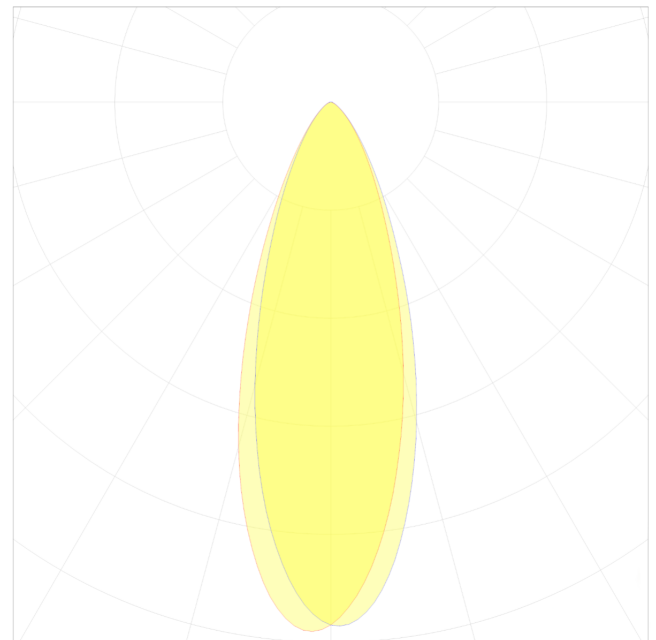
## BULB DIMENSIONS

50 x 59mm  
(Diameter x Length)

## PERFORMANCE

CRI (colour rendering index)	97
Lamp lumen output	400lm
Flicker	<5%
Lumens per circuit watt (LM/W)	62lm/W
Lifetime (TM-21) (hours)	30,000hrs
Switch cycles	30,000
Colour Temperature	2000K - 2800K
Power factor	0.9
Input frequency	50/60Hz

## POLAR DIAGRAM



SKU CODE: 38DEG-6W-2000-2800K-GU10-SMD

IES/LDT FILE:

Available upon request.

EAN CODE:

IP20



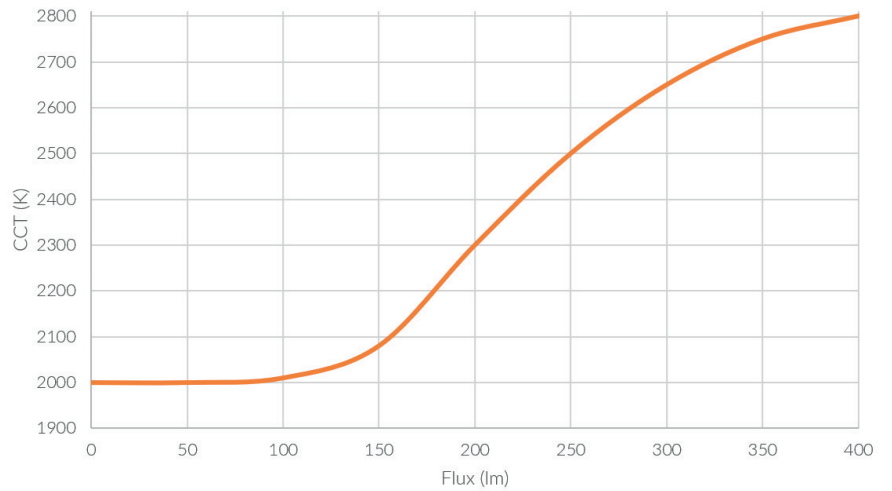
www.tala.co.uk | hello@tala.co.uk | +44 (0) 20 3026 3246

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

# GU10 DOWNLIGHT

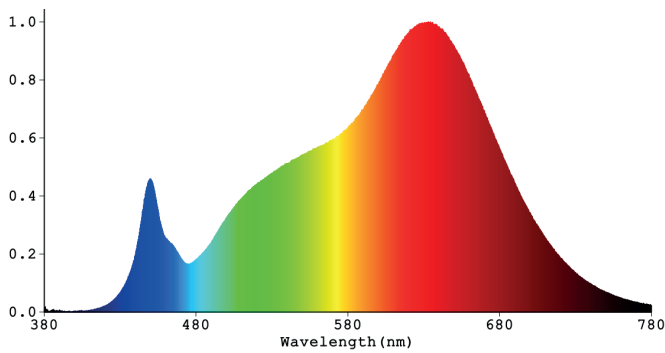
## COLOUR TEMPERATURE VS FLUX

Values measured at Ta 25°C

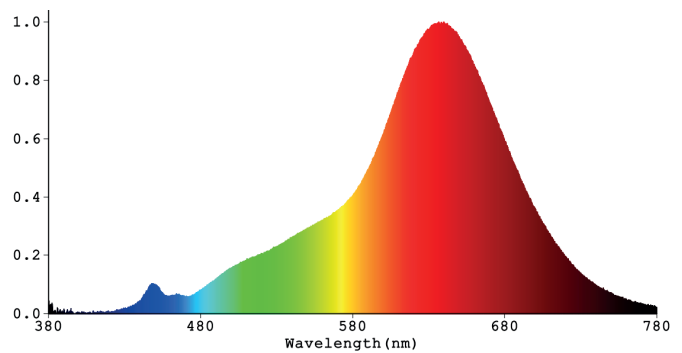


## SPECTRAL DISTRIBUTION

Values measured at Ta25°C



2800K (full power)



2000K (min power)

## COLOUR QUALITY METRICS

Values measured at Ta 25°C

2800K

2000K

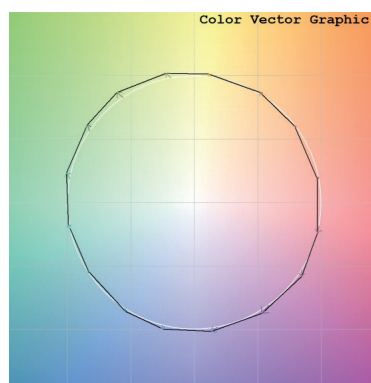
	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
2800K	97	98	99	96	95	98	96	97	96	90	98	92	92	98	97	99
2000K	93	95	95	98	92	92	86	93	93	87	90	83	75	93	98	99

## IES TM30

### COLOUR VECTOR GRAPHIC

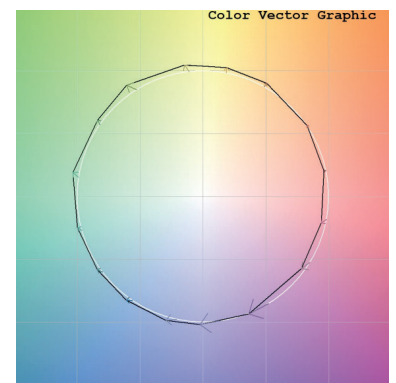
This plot shows the average chromaticity shift for the samples within each of 16 hue bins, which are compiled out of the 99 IES TM-30 Color Evaluation Samples. The values are normalized so that the reference is a circle. Vector arrows indicate the direction and degree of the shift for each hue bin.

- 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) 93  
Colour Gamut (Rg) 104



2000K (min power)

Colour fidelity (Rf) 90  
Colour Gamut (Rg) 103

# GU10 DOWNLIGHT

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## *Recommended Compatible Dimmers*

Arditi 1004P  
Bticino L4408N/L4410N/L4411N  
Busch-Jaeger- 6523U-102  
Casambi - CBU-TED  
Corston Dimmer Two-Way  
Dmax by Domintell - 420BLE  
Dmax by Domintell - 420SL  
Eltako- EUD61NPN-UC  
Eltako- EUD12NPN

EPV - Dimmtronic M 1000/3.3  
Hamilton - LEDIT-B100  
Legrand - Universal Dimmer  
Lumex - L T1D450LSWE  
Lutron - RA2 Select RRK-R25NE  
LightwaveRF MODEL L21  
Osram - HTI DALI 315  
Rako - RMT500

Relco -ART 101  
Relco- RTS 1  
Relco - Snello  
Relco - RT81  
Relco - Rondo  
Varilight V-Pro  
Vadsbo - LD200  
Vadsbo - LDN200

Varilight - V-Pro  
Vimar -Eikon 20135.1/20136.1  
Wandsworth-WLC IR1x150TD  
Zano - ZBARLED1000