COLOUR BALANCE GU10 SPOTLIGHT

7W | 380 Lm | 2000 - 3000K

Decorative Dim-to-Warm LED spotlight with flicker-free technology and 30,000 hours lifetime. This lamp uses 7 watts of power to produce 380 lumens with CRI 95 and R9 close to 90.

Item number: ZFXGU10/7WDW24B | ZFXGU10/7WDW36B

LAMP

Style	GU10 Spotlight
Socket	GU10
Dimmable	Yes, Dim-to-Warm technology on leading and trailing edge
LED Wattage	7w
Lumen	380 lm
CCT	2000 - 3000K
CRI	95
R9	ca.90
IP Rating	IP20
Environment	Indoor
Warranty	3 years

PERFORMANCE

Lifetime	25,000 hours
Cycles on/off	15,000
Starting time	< 0.5 sec
Voltage	220v-240v
Hz	50/60 Hz
In-rush protection	0.5 KV
Power factor	>0.9
Operating temperature	-20°c to +40°c
Energy Efficiency	54 lm/W
Energy Class	G (G -> A scale)
Beam Angle	24°	36°

No sealed fixtures.
Not for outdoor fixtures.
Not for wet environment.
Not for integral primary optics.

DIMENSIONS

Lamp Weight	Up to 60g
Outer carton q'ty	100

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ZICO®
LIGHTING
WORLDWIDE

EAN13 CODES

ZFXGU10/7WDW24B	5060537722207
ZFXGU10/7WDW36B	5060537722214

Our lamps as well as the technologies behind them are subject to continuous improvements. All specification is subject to change without notice. Please refer to our website for the most up to date information.

Safety Label & Warning

- Do not cover lamp with paper, fabric, or any flammable material to avoid burning.
- Working Environmental Temperature: -20 ~ +40°
- Do not insert metal objects into the gap of lamp base.
- The appropriate combination of lamp and lamp base should be carefully selected for different voltage and wattage.
- Do not use in high-humidity environment or near water to avoid damage.
- Not suitable for use in automatic light sensor system, emergency lighting fixture and mercury fixture to avoid damage and burning.
- Do not use near flammable objects such as gasoline, spray, chemicals, paints, oil etc.
- Do not use in a place that is likely to be impacted by force or vibration.
- Do not use in an acidic environment.
- Please turn the light off when installing or cleaning.
- Please handle with care to avoid damage and collision.
- Do not touch any powered-on lamps or lamps that have just been turned off to avoid burning. Please ensure the lamp is tightly installed into the socket to avoid dropping.
- Please select the appropriate fixture based on lamp size and weight.

General Guidelines

- Slight difference of colour temperature and brightness is likely to occur for the same part number due to the difference of LED chips.
- Brightness, colour temperature, and light distribution may vary with different types of bulbs.
- To avoid heat build-up and the shortening of product lifetime, sealed fixture is not recommended.
- Keep the lamp away from radio, video and television for a distance of 1 meter to a void noise caused by interference.
- Do not install lamp in heal insulated fixture.
- Do not disassemble or reconstruct the lamp.
- Do not stare directly at the lamp to avoid eye injury.
- The light distribution may vary with different type of fixtures.
- Do not wash the lamp with water.
- Do not use the lamp outdoor if it is not marked as IP65
- To avoid damage and poor insulation, do not use the lamp near water or in frosted environment if it is not marked as IP65.
- For lamps with a weight significantly higher than that of the lamps for which they are a replacement, attention should be drawn to the fact that the increased weight may reduce the mechanical stability of certain luminaires and lamp holders and may impair contact making and lamp retention.

Guide to Dimming

- The maximum LED lamp load is not clearly defined by most of the key dimmer manufactures.
- Zico's dimmable lamps can work with most of leading edge (TRIAC) and trailing edge dimmers; however 100% compatibility cannot be guaranteed due to the variety and quality of dimmers in the market. Some of the compatibility issues may include audible noise, flickering and higher light output when the dimmer is set at a certain level.
- Maximum total LED lamps power should not exceed 20% of dimmer's maximum rated power.
- For instance, if a dimmer's maximum rated power is 600 Watts, the recommended maximum LED lamp load power should be under 120 Watts.
- If the dimmer is set at a lower than 10% level when the bulb is turned on, it is possible to have no light emission at all. In this case, please tune the dimmer to 100% and turn the bulb on again.
- The time it takes to turn on the light may vary with different kinds of dimmer switch.
- Sometimes the lamp may fail to dim when working with the following kinds of dimmers.

-sensor dimmers

-stepping dimmers

-remote control dimmers

-dimmers with memory function

- When dimming, the brightness of the lamp will be affected by the variation of power supply and bulb types.
- When the dimmer is tuned at the lowest level, a moment of brightness might occur after the power is turned on.
- When the dimmer is tuned at the lowest level, dimming or flickering might occur when a high-power consumption device such as hair dryer or air conditioner is used due to power and current fluctuation.
- When turning off light, it is highly recommended to turn off the power switch instead of simply tuning the dimmer to the lowest level.
- When more than one bulb is connected to a dimmer, the brightness of each bulb may vary depending on its characteristic.
- It is normal to have minor noises when turning dimmers.
- If the light flickers when dimming, please adjust the dimmer until the light is tuned to a steady level.

Solution to Abnormal Dimmable Bulbs

- Please ensure the dimmer is operated on an independent AC line, not connecting to other electrical appliances or devices. If high-power consumption devices such as freezers, air conditioners, washing machines and hair dryers are connected to the same AC line with the dimmer, abnormal light emission is likely to occur.
- When abnormal light occurs when a dimmer is connected to only one LED bulb, please try the combination of more than two LED bulbs. The optimal combination is to connect one dimmer to the quantity of LED bulbs adding up to over 35 watts. This is due to the minimum power consumption of a dimmer.

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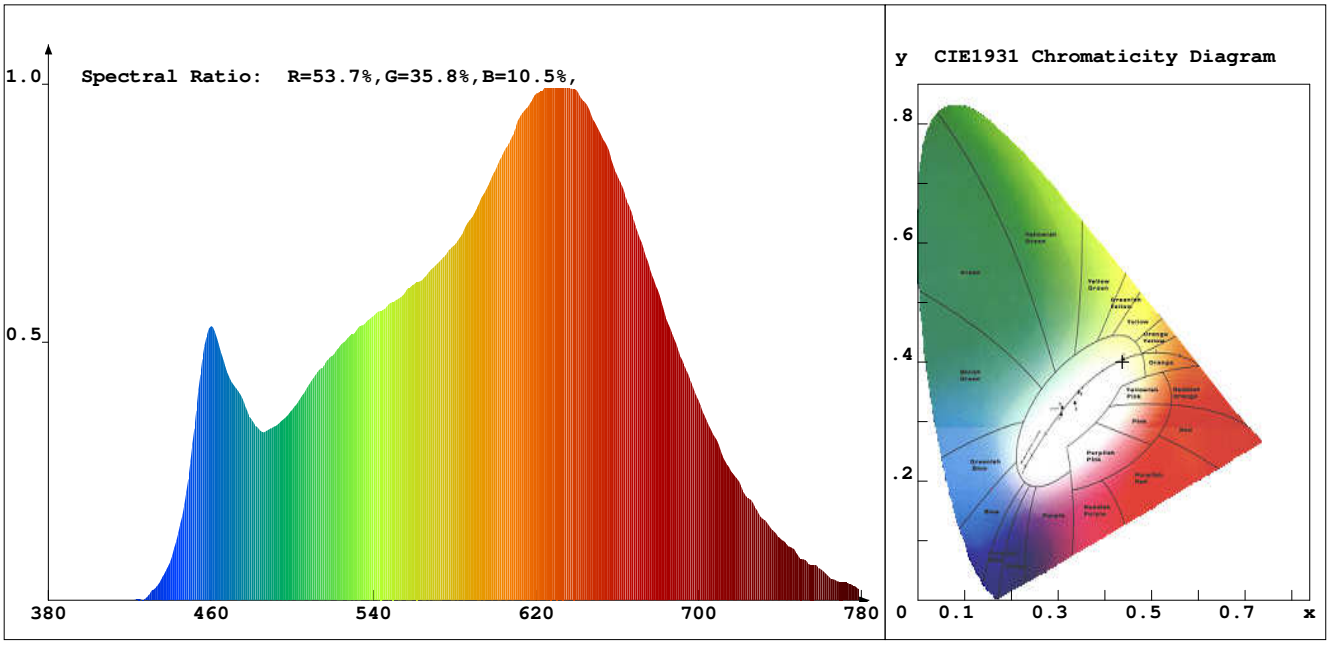
LED Test Report

Product Mark

Product Type : GU10 Dim-to-Warm 24deg
Manufacturer : Zico Lighting
Temperature :25'C
Humidity :65%
Operator :CY
Test Date :2021-10-29



Chroma Parameters

Chro.Coor.: x=0.4372 y=0.4004 u=0.2523 v=0.3466 duv=-0.0015
CCT: Tc= 2966K Dominant Wave.: 584.5nm Purity: 51.4%
Flux Ratio: R=25.6%,G=72.0%,B=2.3% Peak Wave.: 626.3nm Half Width: 163.0nm

Rending Index: Ra= 94.9

R1 =96.6	R2 =95.6	R3 =96.5	R4 =96.1	R5 =96.2	R6 =92.4	R7 =92.8
R8 =93.3	R9 =91.6	R10=92.6	R11=97.9	R12=80.7	R13=95.8	R14=98.9
R15=97.6						

Photo Parameters

Flux: 408.46lm Effi.: 58.3lm/W Radiant: 1366.9mW Iv: 0.0mcd

Ele. Parameters

Voltage:U=230.900V **Current:I=0.0360A**
Power:P= 7.00W **Power Factor:PF=0.830**

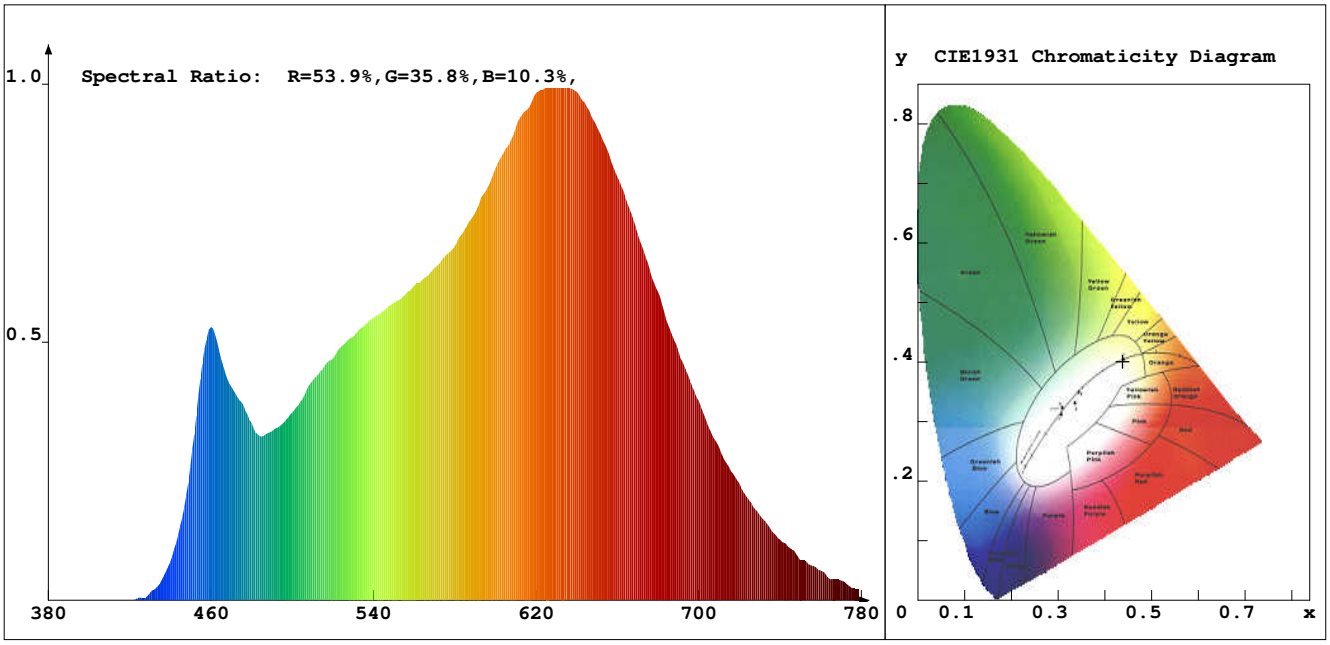
Instrument state

IntgeTime: 156.478ms VPeak: 15228 VDark: 1452
Scan Range: 380-780nm

LED Test Report

Product Mark

Product Type : GU10 Dim-to-Warm 36deg
Manufacturer : Zico Lighting
Temperature :25'C
Humidity :65%
Operator :CY
Test Date :2021-10-29



Chroma Parameters

Chro.Coor.: x=0.4383 y=0.4008 u=0.2529 v=0.3469 duv=-0.0015
CCT: Tc= 2948K Dominant Wave.: 584.6nm Purity: 51.9%
Flux Ratio: R=25.7%,G=71.9%,B=2.3% Peak Wave.: 629.0nm Half Width: 162.2nm

Rending Index: Ra= 95.0

R1 =96.6	R2 =95.6	R3 =96.5	R4 =96.2	R5 =96.6	R6 =92.9	R7 =92.9
R8 =93.3	R9 =90.8	R10=92.7	R11=98.2	R12=81.0	R13=95.7	R14=98.9
R15=97.7						

Photo Parameters

Flux: 413.031m Effi.: 59.81m/W Radiant: 1374.8mW Iv: 0.0mcd

Ele. Parameters

Voltage:U=230.800V Current:I=0.0360A
Power:P= 6.90W Power Factor:PF=0.832

Instrument state

IntgeTime: 156.478ms VPeak: 15476 VDark: 1464
Scan Range: 380-780nm