

## FROSTED GOLFBALL G45

4W | 250 Lm | 2200K

*Decorative, ultra dimmable LED filament light bulb with flicker-free technology and 30,000 hours lifetime. This lamp uses 4 watts of power to produce 250 lumens at a CRI of 95.*

Item number: ZIK017/4W22E14F | ZIK017/4W22E27F



### LAMP

Style	G45 Golfball
Socket	E14, E27
Filaments	4 x 38mm
Dimmable	Yes, leading & trailing edge
LED Wattage	4w
Equivalent	25w
Lumen	250 lm
CCT LED Chip	2200K
CRI	90
Glass finish	Frosted
Warranty	3 years



### PERFORMANCE

Lifetime	30,000 hours
Cycles on/off	100,000
Starting time	<0.2 sec
Voltage	220v-240v
Hz	50/60 Hz
In-rush protection	3000V
Power factor	>0.9
Operating temperature	-30°C to +40°C
Energy Efficiency	62,5 lm/W
Energy Class	G ( G -> A scale)
Beam Angle	360°

### DIMENSIONS

Lamp Weight	Up to 25g
Inner / Outer carton q'ty	10 / 100

NB! This light is for indoor use only and is not suitable for use in sealed fixtures, wet environments or for integral primary optics.



## EAN13 CODES

**ZIK017/4W22E14F** 5060537721132  
**ZIK017/4W22E27F** 5060537721149

## ITF14 CODES

**ZIK017/4W22E14F** 15060537721139  
**ZIK017/4W22E27F** 15060537721146

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.

Brand	Lamps tested	Dimmers Tested	Overall compatibility	Comments
	GLS A60 6W GOLFBALL G45 4W	<ul style="list-style-type: none"> <li>GP Panel</li> <li>NGRX Interface</li> <li>Homeworks QS Inline Dimmer</li> <li>myRoom DIN-rail Power Module (Phase Adaptive)</li> <li>RA2 Select In-Line Dimmer</li> </ul>	Excellent	See Test Report
	GLS A60 6W CANDLE C35 4W G9 3W	<ul style="list-style-type: none"> <li>Full Range</li> </ul>	Excellent	Excellent on both leading and trailing edge
	CANDLE C35 4W PIGMY ST26 1W GLS A60 6W G9 3W	<ul style="list-style-type: none"> <li>Full Range</li> </ul>	Very good	All lamps performed well without any issues. There were no current spikes, so, all are compatible with all of our dimmers
	CANDLE C35 4W PIGMY ST26 1W GLS A60 6W G9 3W	<ul style="list-style-type: none"> <li>V-PRO MJP120</li> <li>V-PRO MJP300</li> <li>V-PRO IR</li> <li>V-PRO MULTI-POINT</li> <li>V-COM 100</li> <li>V-COM 180</li> </ul>	Excellent	Excellent compatibility rating when driven in the recommended quantities. All lamps dimmed in a smooth, progressive fashion without flickering, over an extensive brightness range. The lamps extinguish fully when in the "off state" of our remote capable dimmers
	GLS A60 6W GOLFBALL G45 4W	<ul style="list-style-type: none"> <li>Full Range</li> </ul>	Very Good / Excellent	<p>This lamp performed very well with all dimmers with very few areas of criticism. No static flicker was observed at any output level although a slight shimmer while fading was observed with all dimmers except the WMT. While the profile was generally smooth and continuous there was a slight step around the minimum output level.</p> <p>Smoothness of Dimming            Minimum brightness from off: &lt;1%            Minimum brightness from max: &lt;1%            Audible Noise: No audible noise when tested with any recommended dimmer.</p>
	GLS A60 6W GOLFBALL G45 4W	<ul style="list-style-type: none"> <li>Full Range</li> </ul>		Very good
	GLS A60 6W GLS A60 10W GOLFBALL G45 4W GU10 6W	<ul style="list-style-type: none"> <li>Full Range</li> </ul>	Very good	All the bulbs tested dim very well

# Spectrum Test Report



Product : G45 Golfball Frosted 4W 2200K  
Sample No. :  
Manufacturer : Zico Lighting

Date : 2018-11-29  
Instrument : HAAS-2000(EVERFINE)  
Operator :

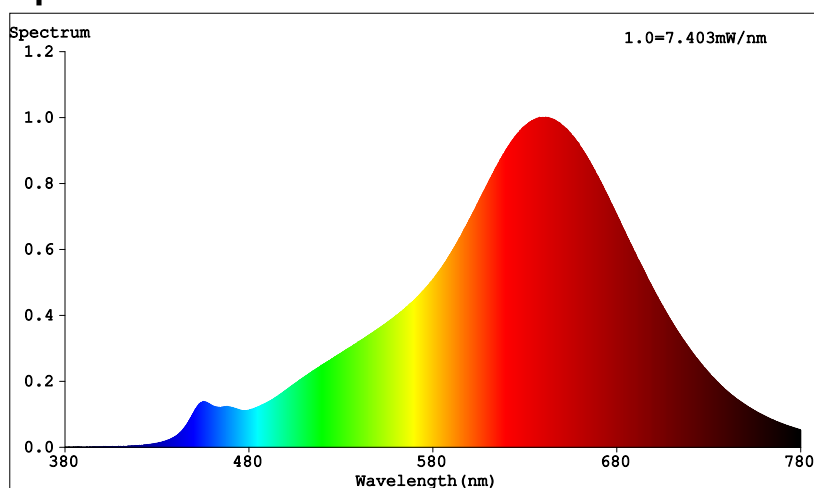
## Test Condition

Temperature : 25.3Deg  
Scan Range : 380nm-780nm

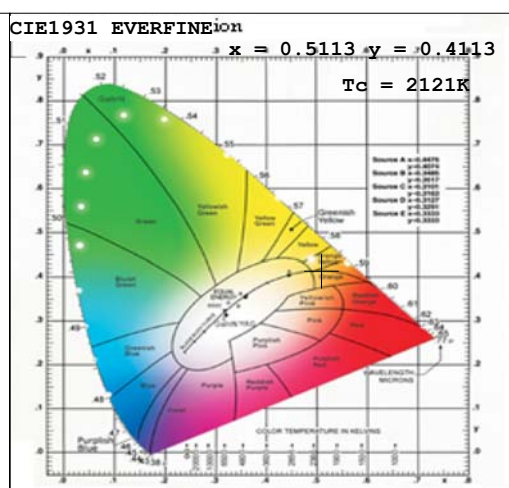
RH : 65.0%  
IP : 53307 (81%)  
T : 162 ms  
Delicacy : High

Test Type : Fast Test

## Spectroradiometric Parameters



Spectral Distribution



CIE1931 Chromaticity Diagram

## CIE Color Parameters:

Chromaticity Coordinate:  $x=0.5113$   $y=0.4113$   $u'=0.2959$   $v'=0.5355$  ( $duv=-1.11e-03$ )

CCT:  $T_c=2121K$  Prcp WaveL:  $\lambda_p=588.2nm$  Purity=76.9%

Peak WaveL:  $\lambda_p=641nm$  Half Width:  $\Delta\lambda_p=118.9nm$  Ratio: R=35.3% G=63.1% B=1.6%

Render Index:  $R_a=96.4$

R1 =99 R2 =98 R3 =99 R4 =99 R5 =98 R6 =93 R7 =94  
R8 =91 R9 =84 R10=97 R11=94 R12=87 R13=98 R14=99 R15=97

## Photo Parameters:

Flux = 244.8 lm Eff. : 64.58 lm/W  $F_e = 1.067 W$

Fmol( $\mu mol/s$ ):  $5.558e-001$  Fluorescence and blue light ratio:32.64 Fluorescent efficiency:24.61

## Electrical parameters:

V = 240.5 V I = 0.01749 A P = 3.790 W PF = 0.9010

**EVERFINE**

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