

VITRO GEN4 DATA SHEET



Product information

The Vitro GEN4 GU10 spotlight is a perfect fit for spot lighting and deliver warm halogen-like light. They are compatible with most existing fixtures with a GU10 base and are designed as a retrofit replacement for halogen or incandescent spots. Moreover, the Classic GU10 MV has excellent dimming function on various dimmers.

Features

- * Energy savings up to 90% comparing with halogen GU10
- * No UV & IR rays, enviromental friendly
- * Lifetime up to 25,000hrs, covered by 3 years limited warranty
- * Not suitable for closed fixtures
- * Complied with IEC/EN62471 photobiological safety standard



Operation and Maintenance Tips

- * Turn power off before inspection, installation or removal
- * Lamps should be kept free from contamination.
- * The product is not suitable for emergency lighting
- * Do not operate product with damaged parts

Energy Class

According to Commision Delegated Regulation (EU) 2019/2015, this product is ranked as energy efficiency class: **F**

Electrical and Photometric Characteristics

Nominal wattage	4.6 W
Nominal voltage	AC 220-240V
Operating frequency	50/60Hz
Input current	24 mA
Inrush current	< 2.88 A
Power factor	0.8
Working temperature range	-20°C ...+35°C
T-Case maximum	80°C
Starting time	< 0.5 S
L70B50 lifetime at Ta: 25°C	25,000 hrs
Switching cycles	> 50,000 times
Dimmable	Yes
Beam angle	60°
SDCM	4 steps
Color rendering index	Ra90
PstLM	<1
SVM	< 0.4

Specifications

EAN 13 Code	Input Wattage*	Input Volage	Input Current	CCT*	Total Flux *	90° Cone Flux *	CRI*	Beam angle*	Light Intensity	Dimmable
Vitro GEN4 4.6W RA90										
5703440671001	4.6 W	220-240 Vac	24 mA	2700 K	420 lm	360 lm	Ra 90	60°	460 cd	Yes
5703440672008	4.6 W	220-240 Vac	24 mA	3000 K	430 lm	370 lm	Ra 90	60°	460 cd	Yes

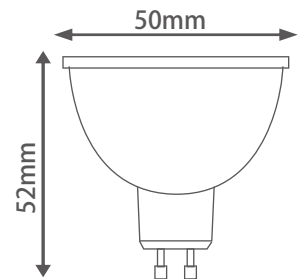
* Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value. Elite lighting maintains a tolerance of ±10% on flux and power measurements, and ±2 on CRI.

Maximum loading of automatic circuit breakers

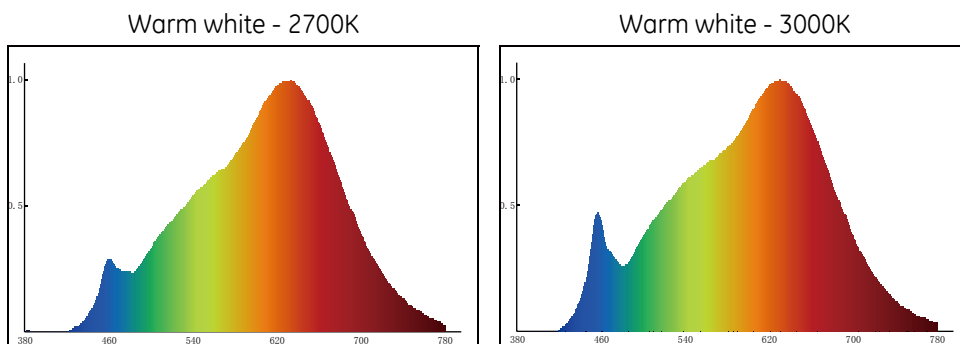
Breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	Inrush time
Vitro GEN4 4.6W	39	51	63	78	26	34	42	52	I _{max} 2.88A	1320µs

Dimension Diagram

Item	Diameter	Max Height
Vitro GEN4	50 mm	52 mm



Spectrum Distribution



Lifetime

