


VITRO GEN5 DATA SHEET



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 Commission Delegated Regulation (EU) 2019/2015, this product is ranked as energy efficiency class: 

Product information

The Vitro GEN5 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, environmental friendly
- * Lifetime up to 25,000hrs, covered by 3 years limited warranty
- * Not suitable for closed fixtures
- * Complied with IEC/EN62471 photobiological safety standard

Electrical and Photometric Characteristics

| | |
|--|----------------|
| Nominal wattage | 4.7 W |
| Nominal voltage | AC 220-240V |
| Operating frequency | 50/60Hz |
| Input current | 27 mA |
| Inrush current | < 0.4 A |
| Power factor | 0.75 |
| Working temperature range | -20°C ...+40°C |
| T-Case maximum | 80°C |
| Starting time | < 0.5 S |
| Nominal 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 |
| Max. lamp no. on circuit break. 10 A (B) | 242 |
| Max. lamp no. on circuit break. 16 A (B) | 387 |
| PstLM | <1 |
| SVM | < 0.4 |

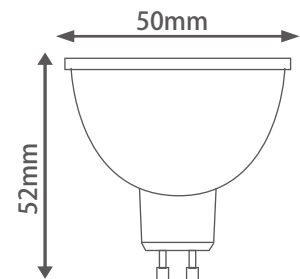
Specifications

| EAN 13 Code | Input Wattage* | Input Volage | Input Current | CCT* | Total Flux * | 90° Cone Flux * | CRI* | Beam angle* | Light Intensity | Dimmable |
|-----------------------------|----------------|--------------|---------------|--------|--------------|-----------------|-------|-------------|-----------------|----------|
| Vitro GEN5 4.7W RA90 | | | | | | | | | | |
| 5703450627005 | 4.7 W | 220-240 Vac | 27 mA | 2700 K | 410 lm | 350 lm | Ra 90 | 60° | 400 cd | Yes |
| 5703450630005 | 4.7 W | 220-240 Vac | 27 mA | 3000 K | 420 lm | 360 lm | Ra 90 | 60° | 400 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 $\pm 10\%$ on flux and power measurements, and ± 2 on CRI.

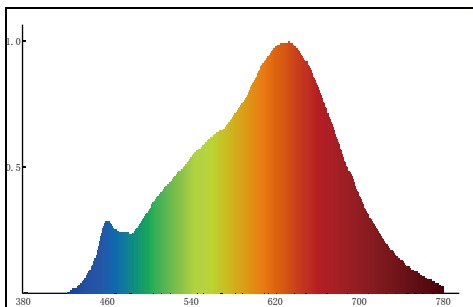
Dimension Diagram

| Item | Diameter | Max Height |
|------------|----------|------------|
| Vitro GEN5 | 50 mm | 52 mm |

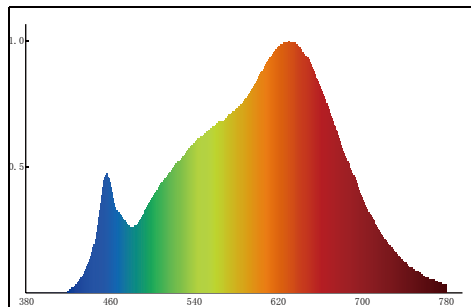


Spectrum Distribution

Warm white - 2700K



Warm white - 3000K



Lifetime

