

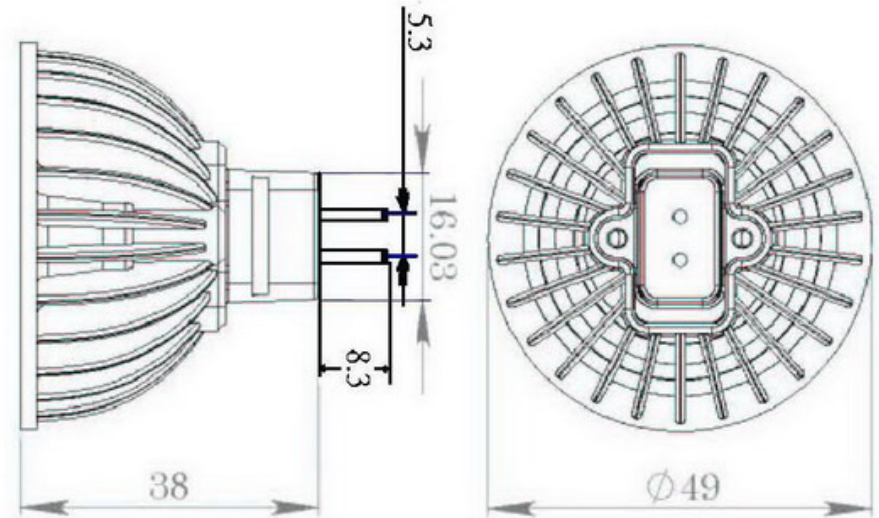
This is the first 5W MR16 dimmable LED bulb that equals to 50W halogen brightness



Features:

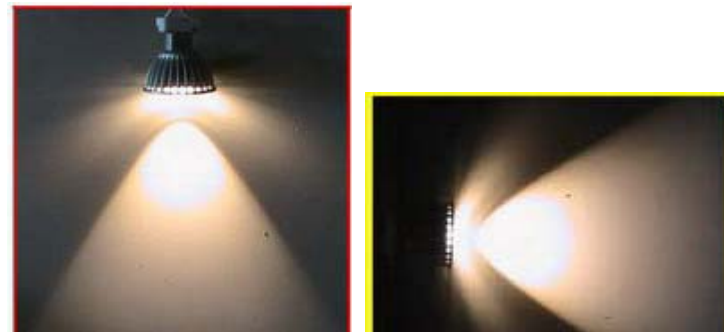
- The users can use incandescent lamp dimming controller and halogen lamp electronic transformer to do the dimming, not need to have the specific LED dimming controller
- The dimming functions are integrated into the LED driver, not need additional Signal Pins (PWM Dimming Controller) for dimming. The bulb can keep only two pins that is exactly the same as traditional halogen bulbs.
- What the users should do is just to connect the bulb to traditional electronic transformer, which is used by halogen lamp, and incandescent bulb controller. Green, no pollution to environment
- NO lower lifecycle Liquid Electrolyte Capacitors applied in the drivers, so the lifecycle of the LED Driver is the same with the LEDs, that guaranteed the extremely long use life of the bulb
- Our EverBright is the only LED Lamp that can replace 40W Halogen MR-16 Lamps with similar brightness, and the payback from the saving power bill is only 6 months in condition that the bulb are 24hrs turned on. Most of other LED Lamps from other providers are not able to replace the 40W halogen lamps because of the insufficient brightness
- 0-100% dimming smoothly

Dimension



Optical Performance

- Luminous Flux :
Warm White (2800K): 450lm
Cold White (5000K): 500lm

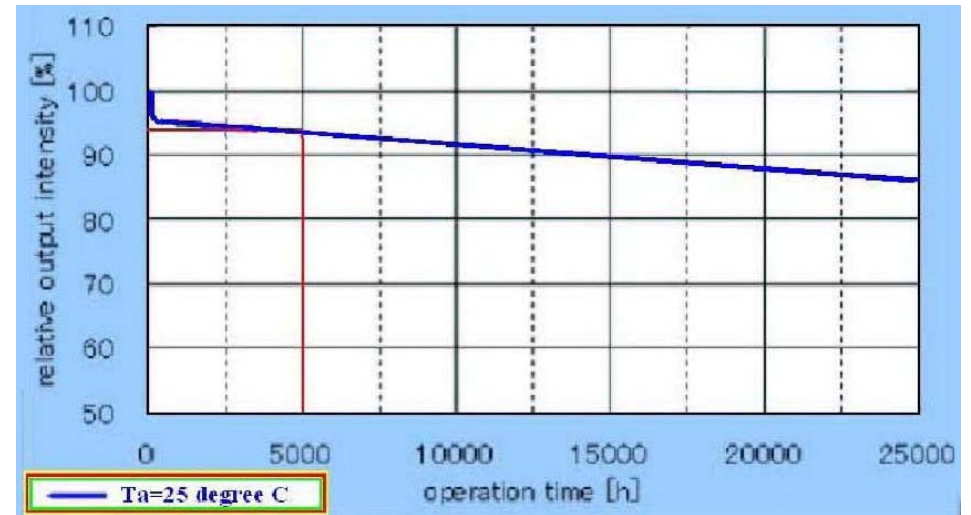


Specifications

Name	EverBright
Housing	Aluminum; PC
Base	GX5.3 compatible base
Housing Color	Silver
Net Weight	46g
LED Color	Warm White/Pure White
Color Temperature	Warm White:2800K
	Pure White: 5000K
Working Temp.	-20°C-40°C
Storage Condition	-40°C-80°C
Power Requirement	12VAC (20-100Khz) / 12VDC
Power Consumption	5W (Max)
Power Transformer Spec.	12VAC / 12VDC
	Electronic Transformer / Magnetic Transformer (suggest)
Humidity	0-90% non condensed
Body Temp.	60°C
MTBF	> 40,000 hours
Beam Angle	45±3 °
CRI	> 75

- Traditional MR16 surface temperature is higher than 130°C
- MTBF (Mean Time Between Failure) will effect by transformer
- While every care has been taken with details on this specification sheet, we accept no responsibility for any inaccuracies and reserve the right to change these specifications without notice to always ensure that you are receiving a superior product

Reliability Test Report



Applications

