

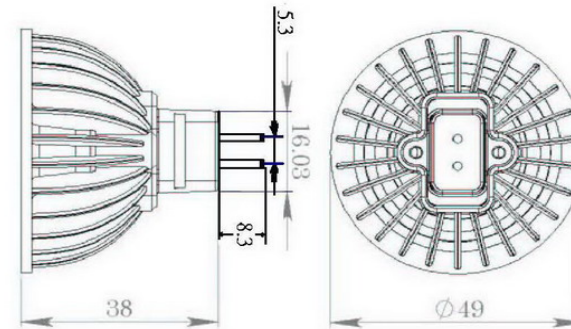
This is the first 7W MR16 dimmable LED bulb that equals to 50W halogen bulb brightness



Features:

- EverBright is the only LED Lamp that can replace 50W Halogen MR-16 Lamps with similar brightness. The payback period based on energy consumption savings is only 6 months, assuming 24-hour operation. Most of other LED Lamps from other providers are not able to replace the 50W halogen lamps because of the insufficient brightness
- Users do not need to have a specific LED dimming controller; they can use an incandescent lamp dimming controller in combination with a halogen lamp electronic transformer to perform the dimming.
- The dimming functions are integrated into the LED driver, do not need additional Signal Pins (PWM Dimming Controller) for dimming. The bulb can keep only two pins, which 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
- The LED driver does NOT incorporate a short-lifetime liquid electrolyte capacitor, so the lifecycle of the LED driver is the same as the LEDs; this guarantees the extremely long use life of the lamp
- The lamp is capable of smooth dimming from 100% to 0%.
- UV free

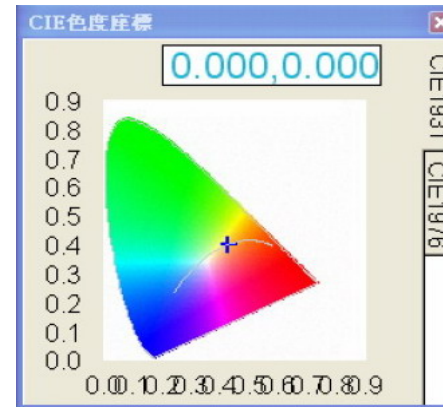
Dimension



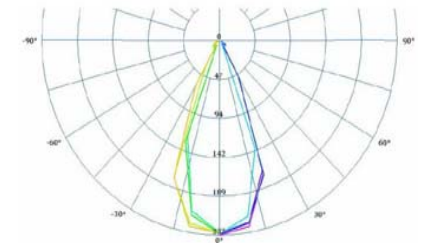
Chromaticity Measurement

CIE:1931-x : 0.4274

CIE:1931-y : 0.4013



Polar Luminous Intensity Distribution

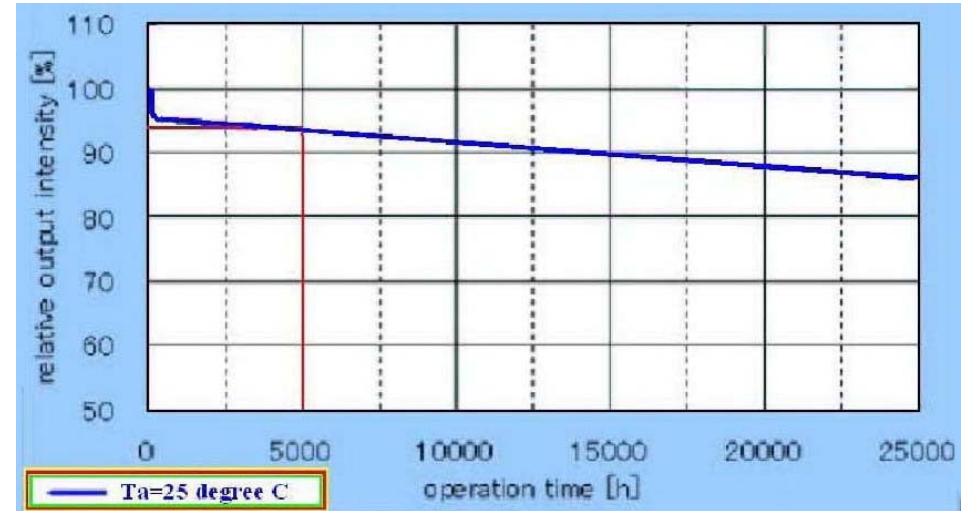


Specifications

Name	EverBright (7W)
Housing	Aluminum; PC
Base	GX5.3 compatible base
Housing Color	Silver
Net Weight	46g ± 10%
LED Color	Warm White/Pure White
Color Temperature	Warm White:2800K ± 10%
	Pure White: 5000K ± 10%
Working Temp.	-20°C-40°C
Storage Condition	-40°C-80°C
Power Requirement	12VAC (20-100Khz) / 12VDC
Power Consumption	7W
Power Transformer Spec.	12VAC / 12VDC
Light Output	400lm @ 2800K
	450lm @ 5000K
Humidity	0-90% non condensed
Body Temp.	80°C
MTBF	> 40,000 hours
Beam Angle	45 ± 3 °
CRI	80

- 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

