

# MR16 COB 50W Halogen Equivalent



**Feature:**

- Sealed Fixture allowed
- Suitable for accent lighting in household and commercial lighting museum, luxury store, etc.

**Product Number:**

BLM1653M-NVW7L

BLM1653W-NVW7L

BLM1653WD-NVW7L

BLM1653D120-NVW7L

\*Contact our sales for more details

**Certification:**



**Electrical Specification**

Input Voltage	Power	Frequency	Power Factor	Dimming	Energy Efficiency Class
12V	7W	50/60 Hz	>0.9	LIMITED	F

**Optical Specification**

Total Flux	Rated Flux	STD CCT	STD CRI	Beam Angle	CBCP
660 lm	600 lm	2700K	80	25°	2100 lx
CCT Option		CRI Option		40°	1200 lx
2200K-6500K		90/95/95*		65°	520 lx
				105°	260 lx

**Dimension & Packing Information**

Size	Ø50*50 mm	Unit Net Weight	42g
Packing Method	100 PCS per Carton		
Packing Size	290*290*400 mm	Gross Weight	6.2KG

**Other Information**

Lamp Base	Operation Temperature	Storage Temperature
GU5.3	-20-40°C	-20-70°C

## Safety Instructions:

- The products should be used with the specified wattage from appropriate equipment to prevent breakage or overheating.
- Operate the products in the appropriate position to prevent damage or overheating.
- Turn off the electrical power while installing, removing, or cleaning the products.
- Keep the products out of reach to the children.
- Avoid to use in high humidity locations unless necessary ingress protection is marked.
- Avoid to use where high volume of flammable substance such as gasoline or dust in the air.
- Avoid to use adjacent to flammable substances such as gasoline, paints, lacquer, and oil etc.
- Avoid to use in acid environment.
- Avoid to use where impact or vibration is likely to occur.
- Do not use bare hand or stained gloves to install, remove, or clean the products.
- Do not cover the products with paper, fabric, or any flammable substance.
- Do not insert metal objects into the gaps of the products.
- Do not disassemble or reconstruct the products.
- Do not stare directly the products while they are turned on.
- Do not wash the products by water or any detergent.
- Do not install the products in the sealed fixture unless specified in datasheet.
- Do not install the products on damaged sockets.
- Do not paint, dye, or put colors on the products.

## Transformer selection guide for low voltage lamp:

There are 3 different types of transformer are used for 12V products

- Electronic AC Transformer
- Magnetic AC Transformer
- DC Transformer

The Electronic Ac transformer is mainly used for traditional halogen lamp. LED based product may have flicker or being off while connecting the Electronic AC Transformer.

## Dimmer selection guide for low voltage lamp :

Traditional Triac dimmer only works for AC transformer. Therefore, the dimming effect depends heavily on the combination of dimmer and transformer. Please contact us for more information.

## Dimming guide for dimmable lamp:

Our dimmable products can work with most of the leading edge and trailing edge dimmers but we cannot guarantee problems such as flicker or noise will not happen in all dimmers in the market.

Most dimmers can be loaded with LED light source up to 20% of its typical power.

When dimmer is off, the LED light source may still emit a tiny and visible light.

Mixed load may cause unexpected dimming behavior or even defects, which is not belong to the quality guarantee.

Minor noise or flickers may occur while tuning dimmers. Please adjust the dimmer until the light tuned to a steady level