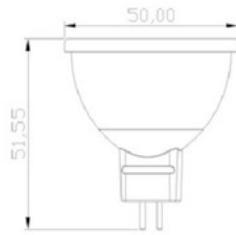


1. Product dimension:



Guarantee 3 YEARS	Life span 40,000 HRS	Energy used 6 WATTS
Voltage 12 VOLTS	Light output 450 LUMENS	Equivalent 50 WATTS



2. Key features

Consumes only 6W to replace 50W halogen or incandescent lighting Complete range with CRI over 90 High lumen efficiency of 66-80lm/W Featured in Fully dimmable Retrofits into vast majority of MR16 shape fixtures Available in accurate beam angles of 15°, 25° and 40° Outstanding thermal solution allows for usage in commercial application Reliable 40,000 hours lifetime UL Listed and Manufactured under ISO 9001 : 2008

COB 6W LED spotlight is designed and manufactured to replace the 50W Halogen bulb, the superior COB LED solution and purity aluminium radiator material helps the luminous efficacy high to 75LM/W, it is designed in excellent thermal management in conjoint structure by forging and stamping technology.

Excellent thermal management

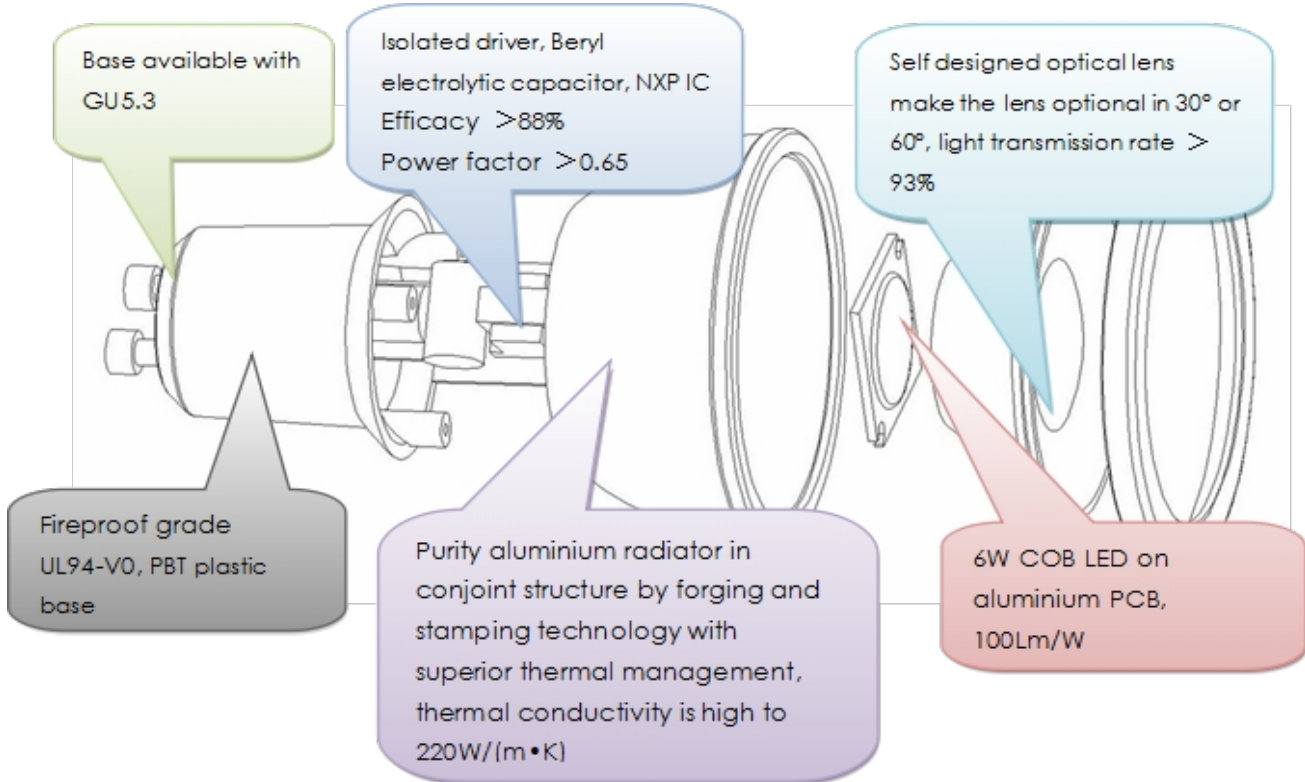
COB LED technology

Superior high quality bulb

Environmental friendly

Reduce electricity cost

Energy saving perfect replacement for Incandescent/halogen and CFL



LED Accent lighting use advanced LED technology providing:

More energy efficiency than traditional lighting

No UV rays (best choice for picture or product display light,

UV-free light will avoid color change or damage of displayed products or photos)

Environmental, reduce CO2 release, slow down greenhouse effect/micro-mercury used; Instant on

Cost saving compared to traditional lighting:

Longer life* reduces maintenance cost (More than 10th than average life of halogen)

High efficiency reduces electricity cost

Significantly less generated heat reduces air conditioning requirements

Premium Purity aluminium heat sink

Excellent heat management by conjoined structure

Anodic oxidation or Sand blasting heat sink exterior

Thermal conductivity is 220W/M.K

The temperature difference between the LED joint and housing surface is within 4-10Deg.

Temperature parameter	
Heat sink temperature	71.6°C
LED joint temperature	78.2°C
Working temperature	-20-40°C
Storage temperature	-20-60°C

3. Specification

Electrical and optical parameter

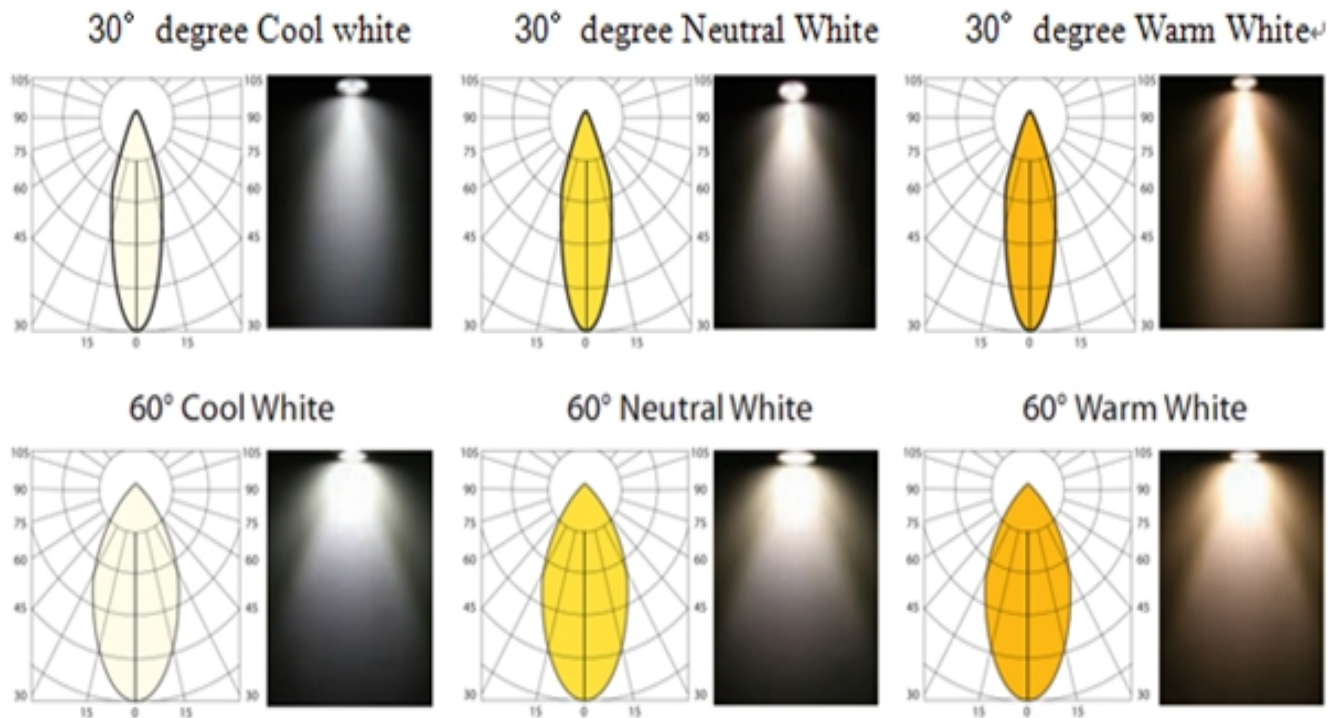
Power dissipation	6W
Luminous flux	450Lm
Color temperature	2600-2800K/5800-6200K
Luminous Efficacy	75Lm/W
Lighting source	1pcs COB LED
input voltage	AC/DC12V
CRI	>90
Power factor	0.62
Driver efficacy	88%
Beam angle	30° / 60°
Weight	65g
Certificate	CE, RoHS, PSE

Part No	Power	CCT	Lumens	Base	Voltage	Dimension
SS-MR16-COB-6W -50-HB	6W	2600-2800K	430Lm	GU5.3	AC/DC12V	Φ50*52mm
		4000-4500K	450lm			
		5700-6200K	450Lm			

1. CCT range complies to ANSI C78.377-2008
2. Rated average life based on engineering testing and probability analysis
3. Lifetime test consistent with LESNA LM80 lumen maintenance procedure

4. Technical information

μ



μ

5. Application information

Environmental friendly - No mercury or Lead 80% energy saving compared to halogen lamps Maintenance free operation, last up to 20 times longer than conventional lamps Suitable for accent and general lighting (e.g. Lobby , Shops and Reception areas)

LED Accent lighting use advanced LED technology providing:

Replacement halogen spotlights for accent lighting, especially where UV or IR radiation is undesirable.

Showcase lighting for bars, offices, shopping mall, museums, art galleries, cosmetic counters, restaurants. hotel, shop, exhibition house, etc..

Residential lighting for hotel, retail, residential bedroom, drawing room, study house, kitchen, etc.



6. Package & Certification

CE,ROHS, 3year warranty

	Packing dimension
Interior box dimension	55×55×75mm
Outerior CTN dimension	290×290×310mm
QTY per CTN	100pcs
N.W./CTN	8KG
G.W./CTN	9KG

7. Caution

- Turn power off before inspection, installation, or removal.
 - Risk of Electric Shock – Do not use where directly exposed to water or weather.
 - Suitable for damp locations.
 - Suitable for use in open luminaires (fixtures).
 - Do not use in enclosed fixtures.
 - Do not open – no user serviceable parts inside.
- Do not install lights in a closed, moist, polluted environment
 Used indoor only, the lamp is not water proof.
 Don't touch it directly when it the light is on
 It's better to use in good air circulation environment.
 It's not allowed to be used in corrosive environment.
 Working place temperature should be within -20-45℃.
 And environment humidity should be less than 80%.
- This device is not intended for use with emergency exit fixtures or emergency exit lights.
 - This device complies with Part 15 of the FCC rules and has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
- Please check whether any bulbs damage caused by delivery or not before you unpacked and prepare to use the bulbs. If yes, please don't use it and inform the supplier.

Outer surface temperature can amount to 75.3°C, keep the bulbs away from these heat-sensitive equipments.