



Greenough

Greenough Enterprises Co., Ltd.

LED luminaries Manufacturer and Exporter

Driverless G9 led bulb spot light Specification

Product: AC driverless G9 LED bulb light spotlight COB 2W

Model No.: GNH-AC-G9-2W

Date: Feb 3rd, 2015





I. Product Introduction

Characteristics

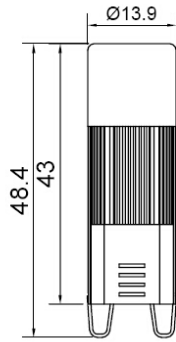
As a new type of the green light source with IC new technology, LED bulbs is replacing the traditional incandescent light bulbs little by little, with the energy saving above 85% at the same brightness, widely used in your daily life and reduce your cost in lighting.

1. With IC driver or say driverless/driver-free no need to change the transformer, it can avoid the failure of driver;
2. AC LED technology makes LEDs work directly by AC220-240V without any driver, we call it driver-free light. These LEDs can be connected directly to normal power supplies (usually 110V at 60HZ or 230V at 50HZ).
3. 2W G4 G9 Led Bulb, no light spot;
4. Original Samsung AC COB, low life decaying rate
5. High light efficiency and better lighting uniformity by adopting high - performance LED;
6. Low temperature maintained by unique heat dissipation mechanism"180°beam angle, can be widely used in show room and museum lighting etc;
7. Proprietary design for excellent thermal management and lumen maintenance;
8. Environment friendly, no air pollution. No RF interference, no flickering or buzzing;
9. Easy to install and maintain, No delay start, No waiting, safer enhancement by special design;
10. Reduce re-lamp frequency. Lifespan is over 30000 hrs. Save effort and maintenance costs on changing bulbs frequently;
11. Working Temperature: Between-20°C~+50°C, Relative humidity less than 98%;
12. 3-year warranty;
13. Fully compliant with RoHs and CE standards.



II. Specifications, parameters

1. Dimensional Drawing(Unit: mm):



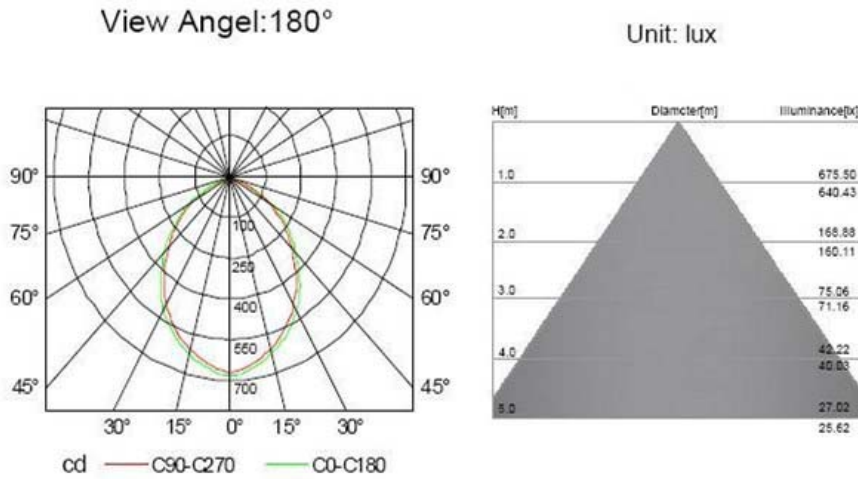
Unit:mm

2. G9 LED bulb light technical parameters (***) Note: Different CCT LEDS has different optical properties. The deviation is less than 5% (***)

Model	GNH-AC-G9-2W
Power	2W
Dimension	Φ13.9*H48.4mm
Lighting Source	AC COB
LED Qty	1PC
Voltage	AC 220-240V
Material	Ceramic +PC
Color temperature	2700/3000K/4000K/5000K/6000K
Luminous flux	150LM ±5%;156LM ±5%;160LM ±5%
Luminous Efficacy	75lm/w;78m/w;80lm/w
CRI	78Ra
Beam Angel	180°
Lumen Attenuation	1000hrs <0.5%
Life Span	50,000hrs

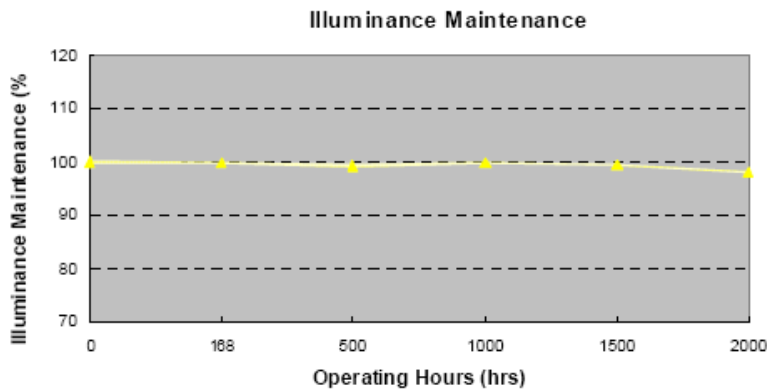


3. Brightness Contrast:



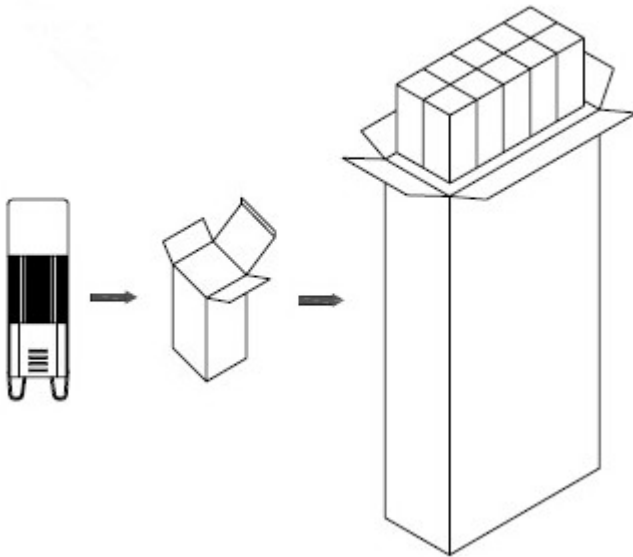
4. LEDs Lumen Attenuation:

Testing condition: None break operation



5. Packing details

Part No.	Packing Box	Outer Carton	Gross Weight	Net weight
GNH-AC-G9-2W	25*25*55mm	140*60*290mm 50pcs/carton	1.80KGS	0.80KG



6. Application:

- *Store, Shopping Mall, plaza, supermarket, department, flat and warehouse lighting.
- *Counter, display window, show room, display case, art lighting.
- *Office, dance hall, bar, exhibition or home use.
- *School, hospital, office, meeting room, home, residential area lighting.
- *Commercial show windows, Bar, restaurant, hotel, film cinema, coffee bar, dining room and lobby lighting.
- *Parking ground, subway station, railway station, airport.
- *Basic commercial lighting.
- *Generally matching in down light, ceiling light, household lighting, etc.
- *Other indoor occasions.