



Product Description

Small G4 led bulb

Small G4 led bulb consists of ceramic substrate, LED chips, metal G4 bi pin and plastic cover, which is designed as an energy-efficient replacement for traditional halogen G4 bulbs and also compatibility with existing fixtures. Compared with traditional G4 bulbs, 12v G4 bi pin led bulb have same G4 bi pin base(4mm pin spacing), but superior heat dissipation and durability. G4 led replacement bulbs are deeply loved by the customer in the market, which are widely used for home lighting, mobile and commercial lighting.

Advantage

- Excellent power efficiency

With an 80-90% reduction in power consumption, 12v G4 bi pin led bulb (e.g., 2W, 3000K) provide equivalent light output to 20W halogen G4 bulbs, indicating G4 led bulb 2w delivers immediate energy savings.

- Long service life

G4 led replacement bulbs deliver an extended service life of 20,000+ hours, representing a twenty time improvement over conventional incandescent lighting.

- Superior heat dissipation design

By rapidly transferring heat through its ceramic core, our G4 LED bulb 12V dimmable or non dimmable prevents the efficiency drops and premature aging that plague standard plastic-housed LEDs in enclosed fixtures.

- Instant light

Unlike traditional G4 halogen bulbs that gradually brighten up, 12v G4 bi pin led bulb will light up at once

-Environment friendly

Unlike CFLs (contain mercury) or old halogens (with lead solder), our G4 led warm white or cool white delivers clean illumination without lead or mercury and radiation.

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Transparent PC cover



LED SMD 2835



Ceramic sink



G4 lamp cap

Feature

- ✓ Ceramic sink and transparent PC cover outside
- ✓ UV-free and IR-free bulb
- ✓ Plug-and-play installation
- ✓ Soft PCB
- ✓ 25000 hours life span
- ✓ Non dimmable or dimmable

Application

The application fields of small g4 led bulb are common as below:

- Home Lighting
 - Under- cabinet lighting: 12v g4 bi pin led bulb could resists grease and steam damage also lowers heat accumulation, preventing efficiency loss in enclosed fixtures.
 - Pendant lights & chandeliers: G4 led warm white or cool white enhances safety in decorative fixtures and combined with flicker-free dimming, they provide high quality lighting for dining rooms and lobbies.
- Mobile lighting
 - RV reading lights: designed for energy-conscious users, these lamps combine ultra-low wattage with smooth dimming to optimize power usage in RVs and campers.
- Commercial lighting
 - Luxury Retail Display: High CRI rating and zero UV emission ensure true-to-life color rendering for jewelry, fabrics, and cosmetics.
 - Museum & Gallery Lighting: A cool-to-touch ceramic structure protects delicate artifacts from heat damage, while the full-spectrum light (2700K – 4000K tunable) meets conservation-grade standards



Under-cabinet light



Chandeliers



RV reading lights

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Specification

Model	Wattage	Size	Luminous Flux	Color Temperature	Beam Angle	CRI (Ra)	Voltage
G4 Ceramic	2.5W	42.7X16 mm	270LM	3000K 4000K 6500K	270°	≥80	220-240V AC/DC 12V
G4 Ceramic	3.5W	46.6X16 mm	380LM				
G4 Ceramic	4.5W	57X26 mm	450LM				