



G4 LED Bulb 5W 12V 4000K 400lm CRI80 SMD2835 Replacement Lamp

- Operates at 12V for low-voltage fixture compatibility
- Delivers 400 lumens at 4000K neutral white
- Uses 51 SMD2835 LED chips for uniform light distribution
- CRI rating above 80 for accurate color rendering
- 360° beam angle for omnidirectional illumination
- Rated for 50,000 hours of LED lifetime

OVERVIEW

The 8-G4-12V-5DW is a G4 base LED replacement lamp operating at 12V, suited for low-voltage fixture applications including landscape lighting, display cases, and accent luminaires that accept the standard G4 bi-pin format.

The lamp draws 5W and delivers 400 lumens at a 4000K neutral white color temperature with a 360° beam angle. Light distribution is produced by 51 SMD2835 chips, yielding a CRI rating above 80 for accurate color rendering. The aluminum construction supports thermal management in compact 16×47mm housings, and the LED source is rated for 50,000 hours of operation.

SPECIFICATIONS

OPTICAL

Luminous Flux	400 lm
Color Temperature	4,000 K
CRI	80
Beam Angle	360°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	16×47mm
Finish	White
Material	Aluminum

ELECTRICAL

Operating Voltage	12 V
Wattage	5 W

ORDERING

Warranty	1 y
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APPLICATIONS

- Landscape lighting fixtures
- Display case illumination
- Accent and cabinet lighting
- Low-voltage track and puck lights

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	400 lm	pdf	high

slug	value	source	confidence
cct_k	4,000 K	pdf	high
cri	80	db	high
beam_angle_deg	360°	db	high
led_chip_type	SMD2835	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	12 V	db	high
wattage	5 W	db	high
product_dimensions	16×47mm	db	high
finish	White	db	high
material	Aluminum	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

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