



9W LED Recessed Spot Light, 12VDC,
810 Lumens, 6500K, 6-1/2 In. Cut

- Delivers 810 lumens at 9W for 90 lm/W efficacy
- 6500K color temperature for cool, daylight-range output
- 45° beam angle for focused, directional illumination
- Aluminum housing with white finish for durability
- Rated for -25 to 45°C ambient operating range
- Operates on 12V DC input for low-voltage installations

OVERVIEW

The 9W LED ceiling spot light lamp is a compact recessed luminaire suited for commercial and residential applications requiring focused, directional illumination. Its aluminum housing provides structural durability while maintaining a low-profile appearance compatible with standard ceiling fixtures.

The lamp operates at 12V DC and consumes 9W, delivering 810 lumens at a 6500K correlated color temperature for a cool, daylight-range output with a 45° beam angle and 90 lm/W efficacy. The aluminum construction supports heat dissipation during continuous operation, and the unit is rated for ambient temperatures from -25 to 45°C.

The fixture carries CE and RoHS certification and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	810 lm
Efficacy	90 lm/W
Color Temperature	6,500 K
Beam Angle	45°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Finish	White
Material	Aluminum

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	12 V
Wattage	9 W

ENVIRONMENTAL

Ambient Operating Temperature	-25-45 °C -13-113 °F
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CERTIFICATIONS & COMPLIANCE

CE

RoHS

CERoHS Compliant

APPLICATIONS

- Residential ceiling recessed lighting
- Office and commercial recessed downlighting
- Retail display and accent lighting
- Hospitality corridor and room lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	810 lm	db	high
efficacy_lm_per_w	90 lm/W	db	high
cct_k	6,500 K	db	high
beam_angle_deg	45°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	12 V	db	high
wattage	9 W	db	high
finish	White	db	high
material	Aluminum	db	high
ambient_temp_c	- 25–45 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY