



9W LED Recessed Spot Light, 810 Lumens, 6500K, 45° Beam, Aluminum Case

- Delivers 810 lumens at 9 watts for an efficacy of 90 lm/W
- 6500K color temperature with a 45° beam angle for focused light
- Aluminum housing with white finish supports heat dissipation
- Wide input voltage range of 120-240V AC for broad compatibility
- Rated LED lifetime of 50,000 hours
- Operates in ambient temperatures from -25°C to 45°C

OVERVIEW

The 9W LED Ceiling Spot Light Lamp features an aluminum housing designed for focused illumination in commercial and residential applications, including offices, kitchens, and retail spaces. Its compact form factor with an 8" fixture size and 6.5" cut-in suits installations where space is limited or directional lighting is required.

The lamp operates across a wide input voltage range of 120-240V AC, draws 9 watts, and delivers 810 lumens at 6500K with a 45° beam angle for focused illumination. Efficacy is rated at 90 lm/W, and the LED source carries a 50,000-hour lifetime. The aluminum case supports thermal management to help extend operational lifespan, and the unit is rated for ambient operating temperatures from -25°C to 45°C.

This product carries CE and RoHS certifications and includes 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	120-240 V
Wattage	9 W

ENVIRONMENTAL

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



CE



RoHS Compliant

APPLICATIONS

- Kitchen ceiling lighting
- Office recessed lighting
- Retail display illumination
- Living room accent lighting
- Commercial hallway 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	120–240 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.