



Recessed LED Downlight 9W 6000K
810lm, IP20, CLP Series

- Delivers 810 lumens at 6000K daylight color temperature
- SMD2835 chip achieves 90 lm/W efficacy
- 60° beam angle for broad, even illumination
- ABS housing weighs only 0.3 lb
- Rated IP20 for dry indoor use, operating range -30 to 50°C
- Wide input range of 120-240V

OVERVIEW

The 9-CLP-S9W is a square LED downlight designed for recessed installation in residential and commercial interiors. Its compact form factor and straightforward mounting process make it adaptable across a range of indoor spaces.

The fixture operates on 120-240V and consumes 9W, delivering 810 lumens at 6000K color temperature with a 60° beam angle and a CRI of 70. The SMD2835 chip yields an efficacy of 90 lm/W and an ABS housing keeps the unit lightweight at 0.3 lb. Rated IP20, it is suited to dry indoor locations, with an ambient operating range of -30 to 50°C and a rated LED lifetime of 50,000 hours.

The unit carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	810 lm
Efficacy	90 lm/W
Color Temperature	6,000 K
CRI	70
Beam Angle	60°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	5 × 5 × 4.5 ft
Finish	White
Material	ABS
Weight	0.3 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	9 W

ENVIRONMENTAL

IP Rating	IP20
Ambient Operating Temperature	-30-50 °C -22-122 °F

APPLICATIONS

- Residential living rooms and bedrooms
- Commercial office ceilings
- Retail store recessed lighting
- Hallway and corridor lighting
- Kitchen and bathroom recessed fixtures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	810 lm	db	high
efficacy_lm_per_w	90 lm/W	db	high
cct_k	6,000 K	db	high
cri	70	db	high
beam_angle_deg	60°	db	high
led_chip_type	SMD2835	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	9 W	db	high
product_dimensions	5 × 5 × 4.5 ft	db	high
finish	White	db	high
material	ABS	db	high
weight	0.3 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.