



8" LED Downlight, 25W, 5000K, 2250
lm, CRI 90, Dimmable, 120V

- Delivers 2,250 lumens at 25 watts for 90 lm/W efficacy
- 5000K color temperature with CRI 90 for accurate color rendering
- 120-degree beam angle provides wide, even light distribution
- Triac dimmable for flexible light-level control on 120VAC circuits
- Rated for 50,000-hour LED lifetime in a white finish housing
- Certified to ETL, Energy Star, RoHS and FCC standards

OVERVIEW

The A-C8-R25-50K is an 8-inch LED downlight designed for commercial and residential applications where broad illumination coverage and accurate color rendering are required. Its 8-inch aperture makes it well suited for larger ceiling installations in offices, retail spaces, and common areas.

The fixture operates at 120VAC and consumes 25 watts, delivering 2,250 lumens at a 5000K color temperature and a 120-degree beam angle for wide, even coverage. A CRI of 90 supports accurate color representation, and the triac-dimmable design allows flexible light-level control. Efficacy is rated at 90 lm/W, with an LED lifetime of 50,000 hours. The white finish provides a clean, low-profile appearance at the ceiling plane.

This downlight carries ETL, Energy Star, RoHS and FCC certifications, and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	2,250 lm
Efficacy	90 lm/W
Color Temperature	5,000 K
CRI	90
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	9 × 9 × 6 ft
Finish	White
Weight	2.5 lb

ELECTRICAL

Operating Voltage	120 V
Wattage	25 W
Dimmer Type	Triac

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE

ENERGY STAR

ENERGY STAR

ETL

ETL Listed

RoHS

RoHS Compliant

FCC

FCC

APPLICATIONS

- Office ceiling lighting
- Retail sales floor illumination
- Common area and hallway lighting
- Residential living space downlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	2,250 lm	db	high
efficacy_lm_per_w	90 lm/W	db	high
cct_k	5,000 K	db	high
cri	90	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120 V	db	high
wattage	25 W	db	high
dimmer_type	Triac	db	high
product_dimensions	9 × 9 × 6 ft	db	high
finish	White	db	high
weight	2.5 lb	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.