



8 in. LED Downlight, 25W, 4000K, 2250 lm, CRI 90, Dimmable, 120V

- Delivers 2250 lm at 90 lm/W efficacy
- 4000K color temperature with CRI of 90
- 120° beam angle for wide, even coverage
- Triac dimmable on 120V input
- Rated LED lifetime of 75,000 hours
- ETL listed and ENERGY STAR certified, White finish

OVERVIEW

The A-C8-R25-40K is an 8 in. round LED downlight designed for recessed ceiling installations in commercial and residential applications. It includes an integrated junction box and delivers a neutral white 4000K color temperature suited for offices, retail spaces, and general-purpose interior lighting.

The fixture operates at 25W on 120V and produces 2250 lm at 90 lm/W efficacy, with a CRI of 90 for accurate color rendering. A 120° beam angle provides broad, even light distribution, and the Triac dimming circuit allows adjustable light levels to suit varying occupancy and task requirements. Rated LED lifetime is 75,000 hours.

This downlight carries ETL listing and ENERGY STAR certification, and complies with RoHS and FCC requirements.

SPECIFICATIONS

OPTICAL

Luminous Flux	2,250 lm
Efficacy	90 lm/W
Color Temperature	4,000 K
CRI	90
Beam Angle	120°
LED Lifetime	75,000 h
Light Color	White

MECHANICAL

Product Dimensions	9 × 9 × 6 in
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

- Recessed ceiling installations in offices
- Retail sales floor lighting
- Residential general -purpose interior lighting
- Hospitality common areas
- Commercial hallways and lobbies

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	4,000 K	db	high
cri	90	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	75,000 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 in	db	high
finish	White	db	high
weight	2.5 lb	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.