



2-Inch Round Adjustable LED Cabinet Light, 3W, 6000K, Dimmable

- Delivers 225 lumens at 3W rated output
- 6000K color temperature with CRI greater than 80
- CREE LED chip rated for 50,000-hour service life
- 90° beam angle for adjustable directional lighting
- Operates across 120-240V input voltage range
- Rated for ambient operating temperatures down to -25°C

OVERVIEW

The 9-C2-RA3-60K-D is a 2-inch round LED cabinet light designed for under-cabinet, display case, and accent lighting applications in commercial and retail environments. Its compact form factor and dimmable operation make it suitable for installations requiring precise light-level control in tight spaces.

This fixture operates on 3W of power with a 6000K correlated color temperature, delivering 225 lumens through a CREE LED chip rated for 50,000 hours of service life. The CRI rating exceeds 80, supporting accurate color rendering for merchandise and display applications. Input voltage range spans 120-240VAC, and the fixture is rated for ambient operating temperatures down to -25°C.

SPECIFICATIONS

OPTICAL

Luminous Flux	225 lm
Efficacy	75 lm/W
Color Temperature	6,000 K
CRI	80
Beam Angle	90°
LED Chip Type	CREE
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	4 × 4 × 4 in
Finish	White
Material	Aluminum
Weight	0.4 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	3 W
Dimmer Type	Dimmable

ENVIRONMENTAL

Ambient Operating Temperature	-25 °C -13 °F
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APPLICATIONS

- Under-cabinet lighting
- Retail display case lighting
- Kitchen cabinet accent lighting
- Showcase and merchandise lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	225 lm	db	high
efficacy_lm_per_w	75 lm/W	pdf	medium
cct_k	6,000 K	pdf	high
cri	80	db	high
beam_angle_deg	90°	db	high
led_chip_type	CREE	pdf	medium
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	3 W	db	high
dimmer_type	Dimmable	pdf	medium
product_dimensions	4 × 4 × 4 in	db	high
finish	White	db	high
material	Aluminum	db	high
weight	0.4 lb	db	high
ambient_temp_c	- 25 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.