



Square Glass LED Downlight, 6W 6000K Dimmable, 3.75 in. Diameter

- Delivers 480 lumens at 6W for 80 lm/W efficacy
- SMD5730 LED chips rated for 50,000 hour lifetime
- 110° beam angle for broad, even light distribution
- Triac-dimmable metal driver, 120-240VAC input range
- Aluminum housing with white finish, IP20 rated
- Operates in ambient temperatures from -30°C to 50°C

OVERVIEW

The A-GL3-S6-60K-D is a square glass LED downlight from the GL2 Series, designed for recessed ceiling installations in commercial and residential interior applications. Its compact 3.75 in. diameter and 3 in. cutout requirement make it suitable for tight ceiling cavities where a clean, low-profile appearance is required.

The fixture operates at 6W with a 6000K correlated color temperature, delivering a cool daylight output rated at 480 lumens at 80 lm/W efficacy. It accepts a wide input voltage range of 120-240VAC and includes a triac-dimmable metal driver. Illumination is provided by SMD5730 chips with a rated lifetime of 50,000 hours. The unit carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	480 lm
Efficacy	80 lm/W
Color Temperature	6,000 K
Beam Angle	110°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	4.75 × 5.75 × 2 ft
Finish	White
Material	Aluminium
Weight	0.6 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	6 W
Dimmer Type	Triac

ENVIRONMENTAL

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

APPLICATIONS

Residential ceiling recessed lighting

Retail display and merchandising areas

Hospitality interior accent lighting

Office and commercial interior lighting

Hallway and corridor downlighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	480 lm	db	high
efficacy_lm_per_w	80 lm/W	db	high
cct_k	6,000 K	db	high
beam_angle_deg	110°	db	high
led_chip_type	SMD5730	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–240 V	db	high
wattage	6 W	db	high
dimmer_type	Triac	db	high
product_dimensions	4.75 × 5.75 × 2 ft	db	high
finish	White	db	high
material	Aluminium	db	high
weight	0.6 lb	db	high
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.