



Glass LED Downlight, 12W 3500K
Dimmable, 4.7" Cutout, 120-240V

- Delivers 960 lumens at 12W for 80 lm/W efficacy
- 3500K color temperature with 80 CRI via SMD5730 chips
- Triac-dimmable metal driver rated 120-240V AC input
- 110° beam angle for broad, even light distribution
- Aluminum housing rated IP20, non-waterproof, for indoor use
- Rated LED lifetime of 50,000 hours

OVERVIEW

The GL2 Series Glass LED Downlight is a recessed ceiling fixture designed for residential and commercial applications requiring a warm, neutral light output. The 4.7-inch cutout format accommodates standard ceiling installations, and the Triac-dimmable driver allows for adjustable brightness to suit varying space requirements.

The fixture operates at 12W with a 3500K color temperature and delivers 960 lumens via SMD5730 chips at 80 lm/W efficacy, with an 80 CRI and 110° beam angle for uniform light distribution. Input voltage is rated at 120-240V AC, and the LED source is rated for 50,000 hours of operation. Aluminum construction supports thermal management, and the fixture carries an IP20, non-waterproof rating suited to dry indoor locations.

This product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	960 lm
Efficacy	80 lm/W
Color Temperature	3,500 K
CRI	80
Beam Angle	110°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	7.25 × 1.75 × 6.75 ft
Finish	White
Material	Aluminum
Weight	0.8 lb

ELECTRICAL

Operating Voltage	120-240 V
Wattage	12 W
Dimmer Type	Triac

ENVIRONMENTAL

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

ORDERING

Warranty

1 y

APPLICATIONS

- Residential living room recessed lighting
- Hallway and corridor downlighting
- Retail display ceiling lighting
- Office and commercial interior lighting
- Kitchen and bathroom ceiling fixtures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	960 lm	db	high
efficacy_lm_per_w	80 lm/W	db	high
cct_k	3,500 K	db	high
cri	80	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	12 W	db	high
dimmer_type	Triac	db	high
product_dimensions	7.25 × 1.75 × 6.75 ft	db	high
finish	White	db	high
material	Aluminum	db	high
weight	0.8 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.