



Glass LED Downlight, 12W 3500K
Dimmable, 4.7 - Inch Cutout, IP20

- Delivers 960 lumens at 12W for 80 lm/W efficacy
- SMD5730 chips rated for 50,000 hours of LED lifetime
- 110° beam angle provides broad, even light distribution
- Triac-dimmable metal driver accepts 85 - 265VAC input
- Aluminum housing rated IP20 for non - waterproof interior use
- 80 CRI rating supports accurate color rendering

OVERVIEW

The GL2 Series Glass LED Downlight is a square-format recessed downlight designed for commercial and residential interior applications requiring a clean, low-profile ceiling appearance. With a 4.7-inch cutout requirement and a compact 6.3-inch fixture diameter, it suits retrofit and new-construction installations in standard ceiling configurations.

The fixture operates at 12W with a 3500K correlated color temperature, drawing power from an 85 - 265VAC input range and delivering 960 lumens at 80 lm/W efficacy. It uses SMD5730 chips paired with a dimmable Triac metal driver for adjustable output, a 110° beam angle for broad coverage, and an 80 CRI rating for accurate color rendering. The aluminum housing carries an IP20 rating for non-waterproof interior use and an ambient operating range of - 30 to 50°C.

This downlight 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

- Retail sales floor ceilings
- Office and conference room lighting
- Hospitality lobby and corridor ceilings
- Residential kitchen and living area ceilings
- Retrofit recessed ceiling installations

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.