



GL2 Series Glass LED Downlight, 18W, 3500K, Dimmable, 1440 lm

- 18W SMD5730 LED chip in aluminum housing
- 1,440 lm output at 3500K with CRI 80
- Dimmable via Triac driver
- IP20 rated, non-waterproof environmental rating
- Operates on 120-240V AC input
- Rated for 50,000-hour LED lifetime

OVERVIEW

The GL2 Series Glass LED Downlight is a recessed-mount fixture designed for commercial and residential interior applications requiring clean, diffuse illumination. Its embedded installation profile suits drop ceilings and drywall soffits where a low-profile appearance is required.

The fixture operates at 18W with a rated output of 1,440 lumens at 3500K, delivering a CRI of 80 for accurate color rendering. It accepts input voltage of 120-240V AC and supports Triac dimming. The aluminum housing aids passive thermal management, and the SMD5730 chip technology is rated for 50,000 hours of operation across an ambient range of -30°C to 50°C.

The fixture carries an IP20 environmental rating and a 1-year manufacturer warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,440 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	9.5 × 2 × 9.5 ft
Finish	White
Material	Aluminum
Weight	1.4 lb

ELECTRICAL

Operating Voltage	120-240 V
Wattage	18 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

- Recessed ceiling installations
- Drop ceilings and drywall soffits
- Residential living spaces
- Commercial office interiors
- Hospitality corridor lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,440 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	18 W	db	high
dimmer_type	Triac	db	high
product_dimensions	9.5 × 2 × 9.5 ft	db	high
finish	White	db	high
material	Aluminum	db	high
weight	1.4 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.