



GL2 Series Glass LED Downlight, 18W, 3500K, 7.9" Round, Dimmable

- Delivers 1,440 lumens at 18W for an efficacy of 80 lm/W
- SMD5730 LED chips produce 3,500K neutral white light at 80 CRI
- 110° beam angle suited for broad, even illumination
- Triac dimmable driver operates across 120-240VAC input
- Aluminium housing with white finish rated IP20, non-waterproof
- Rated for 50,000-hour LED lifetime and ambient range of -30 to 50°C

OVERVIEW

The GL2 Series Glass LED Downlight is an 18W recessed fixture designed for commercial and residential interior applications requiring a clean, finished appearance. With a 7.9" diameter and 6.3" cutout requirement, it is suited for standard drop ceilings and drywall installations where a round glass-face downlight is specified.

The fixture operates on a voltage range of 120-240VAC and delivers 1,440 lumens at 3,500K (neutral white), using SMD5730 chips at an efficacy of 80 lm/W with a CRI of 80. A Triac-dimmable aluminium driver housing is included, rated IP20 for non-waterproof interior use, with an ambient operating range of -30 to 50°C. The unit carries a 1-year 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

Finish	White
Material	Aluminium

ORDERING

Warranty	1 y
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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

APPLICATIONS

- Residential living rooms and bedrooms
- Commercial office and retail ceilings
- Hospitality corridors and lobbies
- Drywall and drop ceiling installations

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
finish	White	db	high
material	Aluminium	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.