



Glass LED Downlight, 18W, 6000K,
Dimmable, 6.3" Cutout, IP20

- 18W aluminum-bodied LED downlight with SMD5730 chips
- Delivers 1,440 lumens at 6000K with CRI 80
- Triac dimmable for compatible dimming circuits
- Rated IP20 for dry indoor environments only
- 110° beam angle with 80 lm/W efficacy
- Rated LED lifetime of 50,000 hours

OVERVIEW

The A-GL6.5-S18-60K-D is an 18W embedded round LED downlight designed for commercial and residential ceiling installations requiring a low-profile glass trim appearance. Built with an aluminum housing and SMD5730 chip technology, it is intended for recessed mounting in drop ceilings and similar applications with a 6.3" cutout.

The fixture operates at 120-240V AC and delivers 1,440 lumens at 6000K (daylight) with a CRI of 80, producing a light efficacy of 80 lm/W. The unit is dimmable via a triac dimmer and carries an IP20 rating, suitable for dry indoor environments, with a rated LED lifetime of 50,000 hours. Overall dimensions are 9.5" x 9.5" x 2" with a unit weight of 1.4 lbs.

The fixture carries a 1-year manufacturer warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,440 lm
Efficacy	80 lm/W
Color Temperature	6,000 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 lighting in offices
- Retail display and showroom lighting
- Hospitality corridor and lobby lighting
- Residential living room and hallway downlighting

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	6,000 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.