



LED Recessed Downlight, 5W, 450lm, 6000K, 60° Beam Angle, IP20

- Delivers 450 lumens at 5W for 90 lm/W efficacy
- 6000K color temperature with CRI 70 for general illumination
- 60° beam angle for even light distribution
- ABS housing rated IP20 for dry indoor use
- Operates on 120-240V input across -30°C to 50°C ambient
- Rated for 50,000-hour LED lifetime

OVERVIEW

The CLP Series Round LED Downlight is a compact recessed fixture for general interior illumination in commercial and residential settings. Its 3.6-inch round profile and 2.95-inch cutout diameter suit retrofit or new-construction installation in standard ceiling cavities.

The fixture draws 5W and outputs 450 lumens at 6000K, yielding 90 lm/W efficacy for a cool, daylight-range light suited to task-oriented spaces. A 60° beam angle spreads illumination evenly, while a CRI of 70 supports general-purpose color rendering. The ABS housing operates across an ambient range of -30°C to 50°C and carries an IP20 rating for dry indoor locations. Input voltage spans 120-240V, and rated LED lifetime is 50,000 hours.

SPECIFICATIONS

OPTICAL

Luminous Flux	450 lm
Efficacy	90 lm/W
Color Temperature	6,000 K
CRI	70
Beam Angle	60°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	4 × 2 × 3.75 ft
Finish	White
Material	ABS
Weight	0.2 lb

ORDERING

Warranty	1 y
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ELECTRICAL

Operating Voltage	120-240 V
Wattage	5 W

ENVIRONMENTAL

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

APPLICATIONS

Residential ceiling recessed lighting

Commercial office downlighting

Retail display area lighting

Hallway and corridor illumination

New - construction and retrofit ceiling installs

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	450 lm	db	high
efficacy_lm_per_w	90 lm/W	db	high
cct_k	6,000 K	db	high
cri	70	db	high
beam_angle_deg	60°	db	high
led_chip_type	SMD2835	db	high
led_lifetime_h	50,000 h	db	high
operating_voltage	120–240 V	db	high
wattage	5 W	db	high
product_dimensions	4 × 2 × 3.75 ft	db	high
finish	White	db	high
material	ABS	db	high
weight	0.2 lb	db	high
ip_rating	IP20	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.