



CLP Series LED Downlight 12W 1080lm
3500K, 60° Beam, 5.12in Recessed
Fixture

- 12W SMD2835 LED chip delivers 1080 lumens at 90 lm/W efficacy
- 3500K color temperature with CRI 70 for general illumination
- 60° beam angle suited to accent and ambient lighting layouts
- ABS housing with white finish, IP20 rated for dry locations
- Operates on 120-240V input across -30 to 50°C ambient range
- 50,000 hour rated LED lifetime reduces maintenance intervals

OVERVIEW

The CLP Series 12W LED Downlight is a recessed round fixture designed for general illumination in residential, commercial, and professional environments. Its compact form factor supports straightforward installation across a range of ceiling applications.

The fixture operates at 12W on 120-240V input and delivers 1080 lumens at 3500K CCT with a CRI of 70, using an SMD2835 chip in an ABS housing. It is rated IP20 for dry indoor locations and carries an efficacy of 90 lm/W with a rated LED lifetime of 50,000 hours.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,080 lm
Efficacy	90 lm/W
Color Temperature	3,500 K
CRI	70
Beam Angle	60°
LED Chip Type	SMD2835
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	5.75 × 2.25 × 5.5 ft
Finish	White
Material	ABS
Weight	0.4 lb

ORDERING

Warranty	1 y
----------	-----

ELECTRICAL

Operating Voltage	120-240 V
Wattage	12 W

ENVIRONMENTAL

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

APPLICATIONS

- Residential ceiling downlighting
- Commercial office spaces
- Retail display areas
- Hospitality corridors and lobbies
- Professional office suites

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,080 lm	db	high
efficacy_lm_per_w	90 lm/W	db	high
cct_k	3,500 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	12 W	db	high
product_dimensions	5.75 × 2.25 × 5.5 ft	db	high
finish	White	db	high
material	ABS	db	high
weight	0.4 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.