



6-Inch Square LED Downlight, 12W 6000K 800lm, Triac Dimmable, IC Rated

- Delivers 800 lumens at 12W for 95 lm/W efficacy
- 6000K color temperature with CRI 80 for daylight illumination
- 120-degree beam angle for broad, even coverage
- Triac dimmable for adjustable light output
- IP63 rated for damp location installations
- Aluminum housing with white finish, 3-year warranty

OVERVIEW

The LUMIPRO 6-inch E Series LED Downlight is a recessed fixture designed for residential and commercial ceiling applications. Its 120-degree beam angle provides broad, even coverage suitable for general ambient lighting in offices, retail spaces, and residential interiors.

The fixture operates at 12W on 120V input, delivering 800 lumens at 6000K daylight color temperature with a CRI of 80 and efficacy of 95 lm/W. It is triac dimmable for adjustable light levels and carries an IP63 rating, making it suitable for damp locations. Rated for 50,000 hours of service life, the aluminum housing has a white finish, measures 6-1/8" square cutout with 6.75" diameter, and weighs 1.11 lb.

This downlight is listed ETL and Energy Star and is RoHS compliant, backed by a 3-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	800 lm
Efficacy	95 lm/W
Color Temperature	6,000 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White
Lens Type	Polycarbonate

MECHANICAL

Product Dimensions	6-1/8" square cutout 6.75"diam
Finish	White
Material	Aluminum
Weight	1.11 lb

ELECTRICAL

Operating Voltage	120 V
Wattage	12 W
Dimmer Type	Triac

ENVIRONMENTAL

IP Rating	IP63
Ambient Operating Temperature	-40-45 °C -40-113 °F

ORDERING

Warranty

3 y

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

ENERGY STAR

ENERGY STAR

RoHS

RoHS Compliant

APPLICATIONS

Residential ceiling recessed lighting

Commercial office ambient lighting

Retail space general illumination

Damp location interior lighting

Hallway and corridor lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	800 lm	db	high
efficacy_lm_per_w	95 lm/W	db	high
cct_k	6,000 K	db	high
cri	80	db	high
beam_angle_deg	120°	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
lens_type	Polycarbonate	db	high
operating_voltage	120 V	db	high
wattage	12 W	db	high
dimmer_type	Triac	db	high
product_dimensions	6-1/8" square cutout 6.75"diam	db	high
finish	White	db	high
material	Aluminum	db	high
weight	1.11 lb	db	high
ip_rating	IP63	db	high
ambient_temp_c	-40~45 °C	db	high
warranty_years	3 y	db	high

Specifications subject to change without notice.