



6-Inch LED Downlight, 12W 5000K, 800lm, Triac Dimmable, IC Rated

- Delivers 800 lumens at 12W for an efficacy of 95 lm/W
- 5000K cool white CCT with CRI of 80 for accurate color rendering
- 120° beam angle suited to general ceiling illumination
- Triac dimmable control compatible with standard dimming circuits
- IP63 rated aluminum housing suitable for damp locations
- Rated for 50,000-hour LED lifespan with 3-year warranty

OVERVIEW

The Lumipro 6-Inch E Series LED Downlight is a recessed fixture designed for residential and commercial ceiling applications, delivering cool white illumination suited to retail, office, and general-purpose environments.

The fixture operates at 12W on 120V input and produces 800 lumens at 5000K CCT with a CRI of 80 and a 120° beam angle. It supports triac dimming, carries an IP63 environmental rating, and is rated for damp locations. Housing is aluminum construction with a reported LED lifespan of 50,000 hours and efficacy of 95 lm/W.

The fixture carries ETL, Energy Star, and RoHS compliance per available product data. A 3-year warranty is included.

SPECIFICATIONS

OPTICAL

Luminous Flux	800 lm
Efficacy	95 lm/W
Color Temperature	5,000 K
CRI	80
Beam Angle	120°
LED Lifetime	50,000 h
Light Color	White
Lens Type	Polycarbonate

MECHANICAL

Product Dimensions	8 × 8.25 × 2.5 in
Finish	White
Material	Aluminum
Weight	1.11 lb

ORDERING

Warranty	3 y
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ELECTRICAL

Operating Voltage	120 V
Wattage	12 W
Dimmer Type	Triac

ENVIRONMENTAL

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

CERTIFICATIONS & COMPLIANCE

ETL

ETL Listed

ENERGY STAR

ENERGY STAR

RoHS

RoHS Compliant

APPLICATIONS

- Residential ceiling recessed lighting
- Retail and office general illumination
- Damp location installations such as bathrooms or covered porches
- Hospitality and multi-family common areas

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	800 lm	db	high
efficacy_lm_per_w	95 lm/W	db	high
cct_k	5,000 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	8 × 8.25 × 2.5 in	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.