



8-Inch LED Downlight, 18W, 1440 lm, Five-CCT Selectable, 110-Degree Beam, IC Rated

- 18 W LED module producing up to 1440 lumens at CRI 80 or higher
- Field-selectable 2700 K, 3000 K, 4000 K, 5000 K and 6000 K output
- 5 to 100 percent dimming with standard TRIAC and ELV controls
- Airtight aluminum body with etched white polycarbonate diffuser lens
- IC rated for insulated ceilings and rated for damp locations
- ETL listed and ENERGY STAR qualified with a 5-year warranty

OVERVIEW

The E Series CCT Tunable is an 8-inch slim-profile recessed downlight built for residential and light commercial retrofit work. The airtight aluminum body accepts a 7-inch cutout and mounts with two spring-loaded clips, and the shallow depth allows placement under joists or duct work. It is IC rated for direct contact with insulation and suitable for damp locations.

An 18 W SMD 2835 module produces up to 1440 lumens with a typical CRI of 80 or higher and a 110-degree beam spread. Five field-selectable color temperatures are available at 2700 K, 3000 K, 4000 K, 5000 K and 6000 K. The Class 2 electronic driver runs on 100-130 V, 60 Hz input, dims from 5 to 100 percent with standard TRIAC and ELV controls, and is rated for 50,000 hours at 70 percent light output over a -40 to 40 degrees C ambient range.

ETL listed, ENERGY STAR qualified and FCC compliant, with a 5-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	1,440 lm
Efficacy	80 lm/W
Color Temperature	2,700K / 3,000K / 4,000K / 5,000K / 6,000K
Selectable CCT	Yes
CRI	80
Beam Angle	110°
LED Chip Type	SMD 2835
LED Lifetime	50,000 h
Light Color	White

ELECTRICAL

Operating Voltage	100-130 V
Wattage	18 W
Current Draw *	0.45 A
Dimmer Type	Triac
Wire Gauge	18 AWG

MECHANICAL

Product Dimensions	8×8 inch
Finish	White
Material	Aluminum White Polycarbonate
Mounting	Wall/Pole Mount

ORDERING

Warranty	5 y
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DIMENSIONS & DIAGRAMS

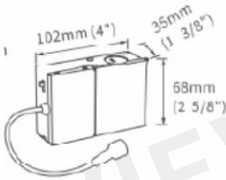
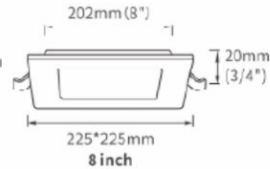
Includes two spring loaded clips to attached to any ceiling material.
The slim profile allows to be mounted under joists or duct work.

Beam angle
110°

Warranty
5 year warranty

Lifespan
50000 hours at 70% light output.

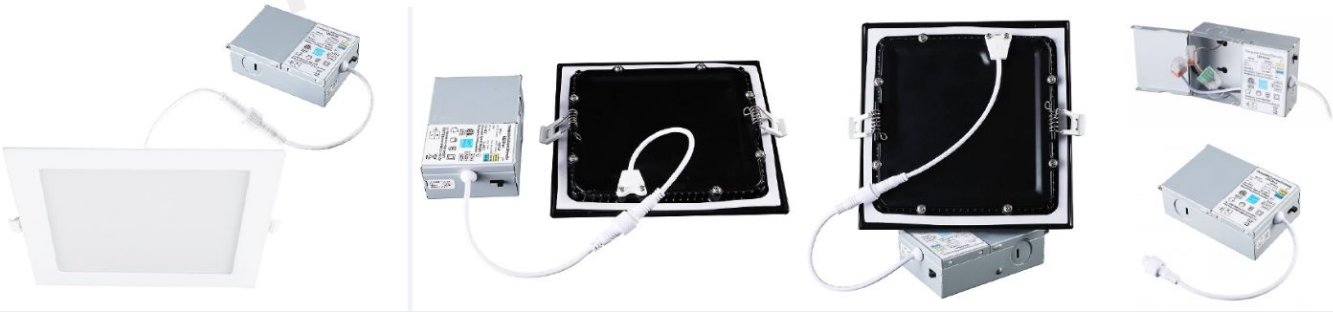
Certificate
ETL
Energy Star



Description

This ultra thin recess light is a 18 watt 8" slim profile light fixture for recess retrofit application. It is a high- performance, easy to install residential grade downlight solution that offers good light output, energy efficiency and stream lined design, Suitable for damp locations.

Product Structure



MOUNTING

CERTIFICATIONS & COMPLIANCE

ENERGY STAR

ENERGY STAR

ETL

ETL Listed

FCC

FCC

APPLICATIONS

- Residential ceiling retrofits
- Apartment and multifamily corridors
- Insulated ceiling cavities
- Covered porches and damp -location ceilings
- Hospitality guest rooms

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	1,440 lm	both	high
efficacy_lm_per_w	80 lm/W	pdf	medium
cct_k	2,700K / 3,000K / 4,000K / 5,000K / 6,000K	both	high
cct_selectable	Yes	db	high
cri	80	db	high
beam_angle_deg	110°	both	high
led_chip_type	SMD 2835	db	high
led_lifetime_h	50,000 h	pdf	high
color	White	db	high
operating_voltage	100–130 V	pdf	high
wattage	18 W	pdf	high
current_draw	0.45 A	pdf	low
dimmer_type	Triac	db	high
wire_gauge	18 AWG	pdf	high
product_dimensions	8×8 inch	db	high
finish	White	db	high
material	Aluminum White Polycarbonate	db	high
mount_type	Wall/Pole Mount	db	high
ip_rating	IP65	db	high
environmental_rating	Suitable for Wet/Damp Locations	db	high
ambient_temp_c	-40–40 °C	pdf	high
warranty_years	5 y	both	high

* Value inferred from source data; verify before specification.

Specifications subject to change without notice.