ELCO Lighting

Project Name:

Fixture Type:

Date:

1″ SQUARE RECESSED OAK™ DOWNLIGHT

Downlight · Square · 1″ · 5 finishes

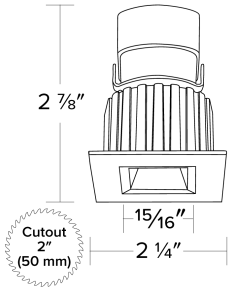


Small aperture 12V AC Downlight delivers over 600 lumens. More than a traditional 50W MR16 Halogen Lamp. Requires 12V AC Transformer (daisy chain up to 6). Dimmable ELV, MLV or 0-10V depending on transformer used.

FEATURES

- Requires 12V AC transformer. Dimmable ELV, MLV or 0-10V depending on transformer used.
- IC Airtight for use with direct contact to insulation
- Height allows for use in ceilings with under 3″ depth. Ceiling thickness can be reduced from fixture depth.
- Daisy chain up to 6 fixtures with E1LDRV60
- 38° Standard beam with optional 28° and 50°
- Remodel requires no frame. New construction E1LF1 frame available.
- Wet Location Rated
- Meets JA8-2025-E requirements, UL Listed
- Life Span 50,000 Hours L70

DIMENSIONS



SPECIFICATIONS

Wattage	6.1W
Lumens	450 · 600 · 625 · 650 · 675 lm
Voltage	12V AC
Color temp.	2700K · 3000K · 3500K · 4000K · Sunset
Dimming	Dimmable
Lamp type	LED
Beam angle	38° · 28° · 50°
Aperture	1"
Shape	Square

FINISHES


White


Bronze


Black


Black with White Trim


Haze with White Trim

Item page
elcolighting.com/items/1-square-recessed-oak-downlight
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

Low Voltage Oak™

↓ Dimmer compatibility list

elcolighting.com · Dimmer - Oak System (ELV)

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PRODUCT NUMBER BUILDER

Specify **1" Square Recessed Oak™ Downlight** item number (Select one) Example: **E1L12F27B** Your item number:

ITEM	SHAPE	BEAM ANGLE	CCT	FINISH
E1L12	**12** Square	**F** 38° **NF** 28° **WF** 50°	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **SD** Sunset[1]	**W** White **BZ** Bronze **BB** Black

No separate code: Finish: Black with White Trim, Haze with White Trim

[1] Sunset, Dim to Warm technology, automatically transitions from 2700K to 1800K when dimmed

TECHNICAL DETAILS

Optics: PC Lens for even lumen distribution. Standard 38° lens. Optional 28° (EP713C) and 50° (EP715C) available.

Construction: Diecast construction for lasting quality and greater heat dissipation. High quality powder coat finish prevents rust and paint cracking.

Installation: Requires 12V AC transformer. Can be installed on E1LF1 new construction frame. Remodel requires no frame. Hole cutout size: 2" (50 mm). Height allows for use in ceilings with under 3" depth. Ceiling thickness can be reduced from fixture depth.

LED Technology: 93+ CRI color rendering. Efficacy of up to 110 lumens per watt. Lumen Maintenance of 50,000 hours L70 based on LM80. Thermal management by utilizing diecast aluminum body as heat sink.

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Electrical: Requires 12V AC transformer. Can be daisy chained up to 6 fixtures with E1LDRV60 or can be wired 1 fixture per transformer.

Delivered Lumens:

E1L12F27 600 lm/2700K **E1L12F30** 625 lm/3000K **E1L12F35** 650 lm/3500K **E1L12F40** 675 lm/4000K **E1L12FSD** 450 lm/Sunset

Dimming: Dims with MLV dimmers when powered by dimmable magnetic 12V AC transformer. Works with ELV dimmers when powered by dimmable electronic 12V AC transformer. Dims with 0-10V systems with 0-10V dimmable 12V AC transformer. Check transformer and dimmer compatibility before installation.

Listings: UL Listed (US and Canada). UL Listed for WET Location. UL Listed for direct contact with insulation. Airtight per ASTM E-283. Meets California Title 24 (JA8-2025-E) standards.

Warranty: ELCO Products are built to last with a 5-year Limited warranty.

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