ELCO Lighting

Project Name:

Fixture Type:

Date:

1″ SQUARE RECESSED ARCHITECTURAL OAK™ DOWNLIGHT

Fixed Engine · Square · 1″ · 5 finishes

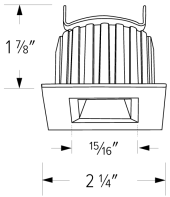


Small aperture downlight delivers up to 1000 lumens. More than a traditional 50W MR16 halogen lamp. Style options, beam options and color finish options offer maximum flexibility in design.

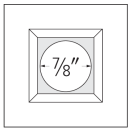
FEATURES

- IC Airtight for use with Direct Contact to insulation
- Works with compatible ceilings up to 1¼″
- Remodel requires no frame; use the IC Remodel Power Pack (E1RLA08IC). New construction: E1DWN08IC frame or E1DWN08AJIC R60 housing
- 38° Standard beam with optional 28° and 50°
- Wet Location Rated
- JA8-2025-E, UL Listed, and Energy Star Qualified
- Life Span 50,000 Hours L70

DIMENSIONS



Aperture Dimensions



Aperture Dimensions

SPECIFICATIONS

Wattage	8W
Lumens	850 · 900 · 950 · 1000 lm
Color temp.	2700K · 3000K · 3500K · 4000K · Sunset
Lamp type	LED
Beam angle	38° · 28° · 50°
CRI	93+
Aperture	1"
Shape	Square

FINISHES



White



Black



Bronze



Black with White Trim



Haze with White Trim

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

PART OF THESE FAMILIES

Architectural Oak™

© ELCO Lighting 2026. All rights reserved • Rev. 18 Nov 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

PRODUCT NUMBER BUILDER

Specify **1" Square Recessed Architectural Oak™ Downlight** item number (Select one) Example: **E1AK12F27B** Your item number:

ITEM	SHAPE	BEAM ANGLE	CCT	FINISH
E1AK12	**12** Square	**F** 38° **NF** 28° **WF** 50°	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **SD** Sunset[1]	**W** White **BB** Black **BZ** Bronze

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 light 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: Hole cutout size: 2" (50 mm). Oak™ LED Light engines require driver. Can be utilized in new construction and remodel applications.

LED Technology: 93+ CRI color rendering. Efficacy of up to 104 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 driver. Driver and housing can be specified with voltage (120V or 120/277V) and dimming (ELV/Triac or 0-10V/Triac/ELV)

Compatible Housings/Delivered Lumens: Architectural Oak™ Light Engines are compatible with 120/277V 0-10V/Triac/ELV or 120V Triac/ELV Architectural Oak™ Housings.

- 2700K: 850 lm, 3000K: 900 lm, 3500K: 950 lm, 4000K: 1000 lm, Sunset: 850 lm

Dimming: See Oak™ Housings and drivers for specific dimming information.

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

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

Delivered Lumens:

© ELCO Lighting 2026. All rights reserved • Rev. 18 Nov 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.