ELCO Lighting

Project Name:

Fixture Type:

Date:

4" SQUARE LED BAFFLE INSERT

Light Engine · Square · 4" · 2 finishes

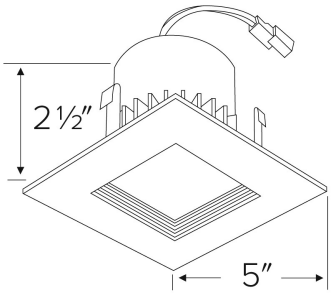


ELCO Lighting's inserts are engineered with energy-efficient LED technology that produces even illumination with an incredible 90+ CRI. Designed to be used for New Construction, Remodel, and Retrofit applications.

FEATURES

- Fits ELCO 4" Dedicated LED Recessed Housings, Regular and Shallow.
- Includes Medium Base Adapter for retrofitting existing E26 Base housings
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation.
- Deep set LED trim reduces glare while providing area illumination.
- Die-Cast construction provides lasting durability.
- ENERGY STAR® compliant.
- Title 24 JA8-2025-E Compliant.
- Life Span of 50,000 hours L70.

DIMENSIONS



SPECIFICATIONS

Wattage	10 · 11 W
Lumens	700 · 750 lm
Voltage	120V
Color temp.	2700K · 2700K-5000K
Dimming	Triac/ELV
Lamp type	LED
Beam angle	90°
CRI	90+
Aperture	4"
Shape	Square

FINISHES



White



Bronze

Item page
elcolighting.com/items/4-square-led-baffle-insert
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4" LED Housings and Inserts

Dimmer compatibility list

elcolighting.com · 4" LED Inserts Dimmer List

© ELCO Lighting 2026. All rights reserved • Rev. 01 Nov 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

PRODUCT NUMBER BUILDER

Specify **4" Square LED Baffle Insert** item number (Select one) Example: **EL44127W** Your item number:

ITEM	CCT	FINISH
EL441		
	27 2700K **CT5** 2700K-5000K	**W** White **B** Bronze

TECHNICAL DETAILS

Optics: Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED Array technology.

Construction: For use in IC and non-IC housings. Diecast construction for lasting quality and greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

Installation: Includes PSA30 medium base adapter for retrofitting existing housings. Quick connect for use with ELCO housings EL490ICA, EL490RICA, EL492ICA, EL492RICA, EL48FICA. PSA30 (Medium Base Socket adapter) allows for use with EL99ICA, EL99RICA, EL99FICA, EL99A, EL99RA. PSA31 (GU10 Socket Adapter, not included) allows for use with EL49ICA, EL49A, EL49RA. Can be used in IC and non-IC housings.

Electrical: Driver connects to120V power supply. High Efficiency driver with a power factor > 0.9. Ambient operating temperature -40°F (-40°C) to 104°F (40°C). Input wattage of 14W. Start time of less than .75 seconds.

LED Technology:

- 90+ CRI color rendering.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Thermal management by utilizing integral heat sink.
- Instant On to Full Brightness.
- No LED pixelation.

Dimmability: Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

Listings:

- UL Listed (US and Canada) for Wet Location.
- RoHS Compliant.
- ENERGY STAR® compliant
- Title 24 JA8-2025-E Compliant

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

© ELCO Lighting 2026. All rights reserved • Rev. 01 Nov 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.