ELCO Lighting

Project Name:

Fixture Type:

Date:

4" LED SQUARE ADJUSTABLE GIMBAL INSERT

Light Engine · Square · 4" · 3 finishes

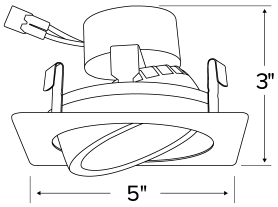


ELCO Lighting's inserts are engineered with energy-efficient LED technology that produces even illumination with an incredible 90+ CRI. Designed to be used for New Construction, Remodel, and Retrofit applications.

FEATURES

- Fits ELCO 4" Dedicated LED Recessed Housings.
- Die-Cast construction provides lasting durability.
- Medium base to quick connect adapter included (PSA30)
- 25° Tilt, 358° rotation.
- ENERGY STAR® compliant.
- Title 24 JA8-2025-E Compliant.
- Life Span of 50,000 hours L70.

DIMENSIONS



SPECIFICATIONS

Wattage	9 · 12 W
Lumens	700 · 1300 lm
Voltage	120V
Color temp.	2700K-5000K
Dimming	Triac/ELV
Lamp type	LED
Beam angle	60°
CRI	90+
Power factor	>0.9
Aperture	4"
Shape	Square

FINISHES


White


Black


Bronze

Item page
elcolighting.com/items/4-led-square-adjustable-gimbal-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

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PRODUCT NUMBER BUILDER

Specify **4" LED Square Adjustable Gimbal Insert** item number (Select one) Example: **EL446CT5W** Your item number:

ITEM	LUMENS	CCT	FINISH
EL446	700 lm **HL** 1300 lm	**CT5** 2700K-5000K	**W** White **B** Black **BZ** 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. Can be used in IC and non-IC housings.

Electrical: Driver connects to120V power supply. High Efficiency driver with a power factor > 0.9. 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 Damp 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.

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