Project name: _____

Fixture type: _____

Date: _____

4" LED Adjustable Gimbal Insert

ELCO Lighting's inserts are engineered with energy-efficient LED technology that produces even illumination with an incredible 93+ CRI. Designed to be used for New Construction, Remodel, and Retrofit applications, these inserts are rated for a life of 50,000 hours, and meet the Title 24 and Energy Star requirements. Suitable for IC and Non-IC housings manufactured by ELCO or others.

Features

- Fits ELCO 4″ Dedicated LED Recessed Housings.
- Includes Medium Base Adapter for retrofitting existing E26 Base housings.
- Die-Cast construction provides lasting durability.
- 25° Tilt, 358° rotation.
- Energy Star Certified.
- Title 24 JA8-2019 Compliant.
- Life Span of 50,000 hours L70.

Specifications

Wattage	12W
Lumens	650 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
Beam Angle	60°
CRI	93+
Damp Location	Listed

Options

All White **All Black** **All Bronze**

Dimensions

3 5/16″

3 1/2″

5″

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. PSA35 (GU24 Socket Adapter, not included) allows for use with EL99ICA-G24, EL99RICA-G24. Can be used in IC and non-IC housings.

Electrical: Driver connects to 120V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

LED Technology:

- Extremely accurate color rendering with 93+ CRI.
- Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing integral heat sink.
- Instant On to Full Brightness. No LED pixellation.

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: cUL Listed for Damp Location. RoHS Compliant. ENERGY STAR® Certified. Title 24 JA8-2019 Compliant.

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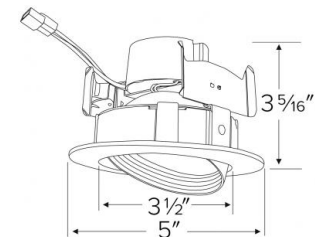
Product Numbers

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
EL414CT5W	LED	650 lm	2700K, 3000K, 3500K, 4000K, 5000K	12W	120V	Triac/ELV	60°	All White
EL414CT5B	LED	650 lm	2700K, 3000K, 3500K, 4000K, 5000K	12W	120V	Triac/ELV	60°	All Black
EL414CT5BZ	LED	650 lm	2700K, 3000K, 3500K, 4000K, 5000K	12W	120V	Triac/ELV	60°	All Bronze

Product Number Builder   Example: **EL414CT5W**

ELCO 4" LED Adjustable Gimbal Insert	Color Temp.	Finish
EL414		
	CT5 2700K - 5000K	**W** All White
		B All Black
		BZ All Bronze

Compatible Products

ELCO Lighting

4″ Dedicated LED ICA Housings
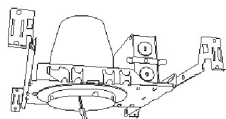
4″ ICA Housing
New Construction

4″ ICA Housing
Remodel

4″ ICA 2-Hour Fire Rated Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490ICA	
EL490ICA-7	277V
EL490ICA-EM5	Emergency Battery Back-up (90 minutes)

CAT NO.	SPECIFICATIONS
EL490RICA	5 ½″ Height

CAT NO.	SPECIFICATIONS
EL48FICA	7 ½″ Height - Sound Rated

4″ Shallow Dedicated LED IC Housings
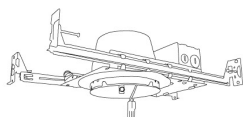
4″ LED Shallow Housing
New Construction

4″ LED Shallow Housing
Remodel

CAT NO.	SPECIFICATIONS
EL492ICA	14W MAX. 3 ½″ Height
EL492ICA-7	277V

CAT NO.	SPECIFICATIONS
EL492RICA	14W MAX. 3 ½″ Height

4″ Accessories

Emergency Battery Backup
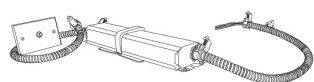
Fire Cover

Fire Enclosure

CAT NO.	SPECIFICATIONS
KEM-LD5	8W, 120/277V

CAT NO.	SPECIFICATIONS
FIRECVR	9 ¾″ H x 17″ O.D.

CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜″ L x 14 ⅜″ W
FIREENCL-S	Shallow, 16″ L x 14 ⅜″ W

Mica Fire Tape
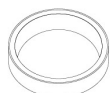
Socket Adapter

Socket Adapter

CAT NO.	SPECIFICATIONS
FIRETAPE	¾″ W x 16′ L

CAT NO.	SPECIFICATIONS
PSA30	Medium Base Connector

CAT NO.	SPECIFICATIONS
PSA31	GU10 to ideal terminal connector

For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
120V Only			
Eaton	AL Series, Decorator Single-Pole/3-Way Preset Dimmer	DAL06P	10% - 100%
Leviton	Decora IllumaTech Single Pole/3-Way Preset ON/OFF Dimmer	IPL06-1LZ	10% - 100%
	Decora SureSlide® Single Pole Slide-To-Off with Optional Locator Light	6631	10% - 100%
	Decora SureSlide® Single Pole/3-Way with Present ON/OFF Switch	6674	5% - 90%
Lutron	Skylark Contour® 600W Single Pole Dimmer	CT-600P	10% - 100%
	Skylark Contour® C•L, Single Pole/3-Way Dimmer. 150W Max LED/CFL or 600W Incandescent/Halogen	CTCL-153P	5% - 100%
	DIVA® Series 600W Single Pole Dimmer	DV-600P	10% - 100%
	DIVA® Series 150W Single Pole/3-Way Dimmer	DVCL-153P	5% - 86%
	Maestro® Series 150W Single Pole/3-Way/Multi-Location Dimmer	MACL-153M	5% - 80%
	Ariadni®/Toggler® Series 150W Single Pole/3-Way Dimmer	TGCL-153P	5% - 86%

*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.