

# 4" Square LED Reflector Insert with 5-CCT Switch

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, 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 New Construction or Remodel Recessed Housings
- 5-Color Temperature Switch
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Title 24 JA8-2022-E compliant.
- Life Span of 50,000 hours L70.

## Specifications

Wattage	10W
Lumens	1000 lm
Voltage	120V
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K
Dimmable	Triac/ELV
Lamp Type	LED
CRI	90+
Wet Location	Listed

## Options



All White



All Black

## 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:** Quick connect for use with ELCO New Construction or Remodel recessed housings. 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. Ambient operating temperature -40°F (-40°C) to 104°F (40°C)

### LED Technology:

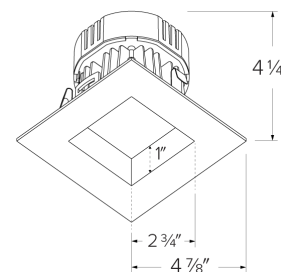
- Extremely accurate color rendering with 90+ CRI.
- Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing integral heat sink.
- Instant On to Full Brightness.
- No LED pixelation.

**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:** ETL Listed for Wet Location. RoHS Compliant. Title 24 JA8-2022-E Compliant.

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

## Dimensions



## Product Numbers

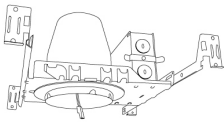
Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
EL434CT5W	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	All White
EL434CT5BB	LED	1000 lm	2700K, 3000K, 3500K, 4000K, 5000K	10W	120V	Triac/ELV	All Black

# Compatible Products

For use with **4" LED inserts**



## 4" Dedicated LED ICA Housings



4" ICA Housing  
**New Construction**

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



4" ICA Housing  
**Remodel**

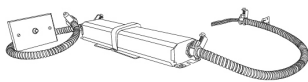
CAT NO.	SPECIFICATIONS
EL490RICA	5 1/2" Height



2-Hour Fire Rated ICA Housing  
**New Construction**

CAT NO.	SPECIFICATIONS
EL48FICA	6 7/8" Height - 120/277V

## 4" Accessories



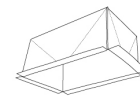
**Emergency Battery Backup**

CAT NO.	SPECIFICATIONS
KEM-LD5	25W MAX, 120/277V



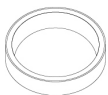
**Fire Cover**

CAT NO.	SPECIFICATIONS
FIRECVR	9 3/4" H x 17" O.D.



**Fire Enclosure**

CAT NO.	SPECIFICATIONS
FIREENCL	20 3/8" L x 14 3/8" W
FIREENCL-S	Shallow, 16" L x 14 3/8" W



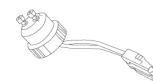
**Mica Fire Tape**

CAT NO.	SPECIFICATIONS
FIRETAPE	3/4" W x 16' L



**Socket Adapter**

CAT NO.	SPECIFICATIONS
PSA30	Medium Base Connector



**Socket Adapter**

CAT NO.	SPECIFICATIONS
PSA31	GU10 to ideal terminal connector



**ELCO Lighting**

# Dimmer Compatibility Chart

## 4" Square LED Inserts

For EL434CT5 and EL487CT5

### 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
<b>For Triac/ELV Dimmers (EL434CT5 &amp; EL487CT5)</b>			
Lutron	Maestro, 120V, 50/60Hz, 150W LED/CFL, Single Pole, 3-Way	MACL-153M	7% - 100%
	Diva® Series 150W Single Pole/3-Way Dimmer	DVCL-153P	3% - 100%
	Skylark Contour, 120V AC, 60Hz, 150W LED/CFL, Single Pole, 3-Way	CTCL-153P	5% - 100%
	Skylark, 120V AC 60Hz, 150W LED/CFL, Single Pole, 3-Way	SCL-153P	5% - 100%
	Caséta® Wireless Dimmer	PD-6WCL	7% - 100%
	Ariadni®/Toggler® Series 150W Single Pole/3-Way Dimmer	TGCL-153P	10% - 100%
Leviton	Decora SureSlide® Single Pole with Slide-to-Off	6672	15% - 100%
<b>For 0-10V Dimmers (EL487CT5 Only)</b>			
Lutron	Diva®, 120/277V, 0-10V, Single Pole, 3-Way	DVSTV	5% - 100%
Leviton	Decora Illumatech®, 120/277V, 0-10V, Fluorescent/LED Load Type, Single Pole, 3-Way	IP710	5% - 100%

**\*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.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



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