ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ 0-10V LED INSERTS

Light Engine · Round · 4″ · 2 finishes

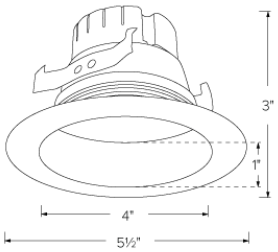
The Ply System 0-10V dimmable LED Inserts are engineered with energy-efficient LED technology and with a 120/277V 0-10V dimmable driver for a budget friendly 0-10V solution.



FEATURES

- 0-10V Dimmable
- 120/277V Drive
- Lumens (Wattage): 800 lm (12W), 850 lm (12W), 900 lm (12W)
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Deep set LED trim reduces glare while providing even illumination
- 93+ CRI color rendering
- ETL Listed (US and Canada)
- Energy Star Certified
- Title 24 JA8-2025-E Compliant
- Life span of 50,000 hours L70

DIMENSIONS



SPECIFICATIONS

Wattage	12W
Lumens	800 · 900 lm
Voltage	120-277V
Color temp.	3000K · 3500K · 4000K
Dimming	0-10V
CRI	93+
Aperture	4"
Shape	Round

FINISHES



White



Chrome with White Ring

Item page
elcolighting.com/items/4-0-10v-led-inserts
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Ply™ 0-10V LED Housings and LED Inserts · 4″ LED Housings and Inserts

⬇ Dimmer compatibility list

elcolighting.com · 4" LED Inserts (3) Dimmer List

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PRODUCT NUMBER BUILDER

Specify **4" 0-10V LED Inserts** item number (Select one) Example: **EL49530DW** Your item number:

ITEM	CCT	FINISH
EL495		
	30 3000K **35** 3500K **40** 4000K	**DW** White **DCW** Chrome with White Ring

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. Spun Aluminum for greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

Installation: Quick connect for use with ELCO 4" 0-10V Dedicated LED Housings EL48FICDXA, EL48FICDXA-B, EL490ICDXA, EL490ICDXA-B, EL490ICDXA-EM5, EL490RICDXA, EL492ICDXA, EL492ICDXA-B and EL492RICDXA.

Electrical: Driver connects to 120/277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

LED Technology: 93+ 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 0-10V dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Dims smoothly with no hot spots or flickering.

Listings: ETL Listed (US and Canada) for Wet Location. RoHS Compliant. ENERGY STAR® Certified. Title 24 JA8-2025-E Compliant.

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

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