ELCO Lighting

Project Name:

Fixture Type:

Date:

4" 0-10V LED ADJUSTABLE GIMBAL INSERT

Light Engine · Round · 4″

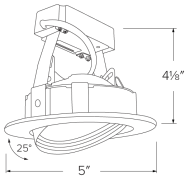


The Ply System 0-10V dimmable LED Inserts are engineered with energy-efficient LED technology and with a 120/277V 0-10V dimmable driver for a budget friendly 0-10V solution.

FEATURES

- 0-10V/Triac/ELV Dimmable
- 120/277V Driver
- Compatible with EL490 Family (not for use in shallow housings)
- Lumens (Wattage): 650 lm (10.5W), 680 lm (10.5W), 710 lm (10.5W)
- Die-Cast construction provides lasting durability.
- 25° Tilt.
- Energy Star Certified
- Title 24 JA8-2025-E Compliant
- Life Span of 50,000 hours L70.

DIMENSIONS



SPECIFICATIONS

Wattage	10.5W
Lumens	650 · 680 · 710 lm
Voltage	120-277V
Color temp.	2700K · 3000K · 3500K
Dimming	Triac/ELV/0-10V
Lamp type	LED
Beam angle	60°
Aperture	4"
Shape	Round

ITEM NUMBERS

ITEM NUMBER	LAMP TYPE	LUMENS	WATTS	VOLTAGE	DIMMING	CCT	BEAM ANGLE	FINISH
EL41427DXW	LED	650 lm	10.5W	120-277V	Triac/ELV/0-10V	2700K	60°	White
EL41430DXW	LED	680 lm	10.5W	120-277V	Triac/ELV/0-10V	3000K	60°	White
EL41435DXW	LED	710 lm	10.5W	120-277V	Triac/ELV/0-10V	3500K	60°	White

FINISHES

White

Item page
elcolighting.com/items/4-0-10v-led-adjustable-gimbal-insert
Find any 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

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 EL48FICDXA, EL48FICDXA-B, EL490ICDXA, EL490ICDXA-B and EL490RICDXA.

Electrical: Driver connects to120/277V power supply. High Efficiency driver with a power factor > 0.9.

LED Technology:

•93+ CRI color rendering.

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- 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 Triac/ELV/ 0-10V dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

Listings: ETL Listed (US and Canada) for Damp Location. RoHS Compliant. ENERGY STAR® Certified. 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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