ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ 0-10V ROUND ADJUSTABLE LED INSERT

Light Engine · Round · 4″ · 2 finishes

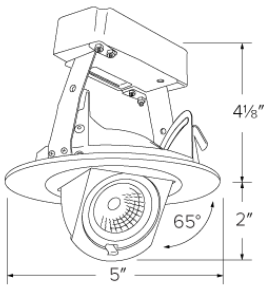


The Ply System 0-10V dimmable LED Inserts are engineered with energy-efficient LED technology and with a 120/277V 0-10V dimmable driver for a budget friendly 0-10V solution.

FEATURES

- 0-10V/Triac/ELV Dimmable
- 120/277V Driver
- Interchangeable lens available for multiple beam angles. 36° Standard
- Adjustability of 65° Tilt and 356° Rotation
- Lumens (Wattage): 850 lm (12.6W), 900 lm (12.6W)
- 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
- Compatible with EL490 Family (not for use in shallow housings)

DIMENSIONS



SPECIFICATIONS

Wattage	12.6W
Lumens	850 · 900 lm
Voltage	120-277V
Color temp.	2700K · 3000K
Dimming	Triac/ELV/0-10V
Beam angle	36°
CRI	93+
Aperture	4"
Shape	Round

FINISHES



White



Black

Item page
elcolighting.com/items/4-0-10v-round-adjustable-led-insert
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 · 0-10V Dimmer Compatibility List

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PRODUCT NUMBER BUILDER

Specify **4" 0-10V Round Adjustable LED Insert** item number (Select one) Example: **EL49727DXW** Your item number:

ITEM	CCT	FINISH
EL497		
	27 2700K **30** 3000K	**DXW** White **DXB** 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 EL48FICDXA, EL48FICDXA-B, EL490ICDXA, EL490ICDXA-B and EL490RICDXA.

Electrical: Driver connects to120/277V power supply. High Efficiency driver with a power factor > 0.9. Ambient operating temperature -40°F (-40°C) to 104°F (40°C). Input wattage of 12.6W. 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 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.
• Title 24 JA8-2025-E Compliant

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

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