ELCO Lighting

Project name: _____

Fixture type: _____

Date: _____

4" 0-10V Round Adjustable LED Insert

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. Designed to be used for New Construction, Remodel with ELCO Ply System Housings or as a retrofit with existing housings.

Features

- 0-10V/Triac/ELV Dimmable
- 120/277V Driver
- Interchangeable lens available for multiple beam angles. 36° Standard, 20° (EP710C)
- and 60° (EP712C) optional
- Adjustability of 65° Tilt and 356° Rotation
- 93+ CRI for extremely accurate color rendering
- UL Listed
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70
- Compatible with EL490 Family (not for use in shallow housings)

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 EL49FICDXA, EL49FICDXA-B, EL490ICDXA, EL490ICDXA-B and EL490RICDXA.

Electrical: Driver connects to 120/277V 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:

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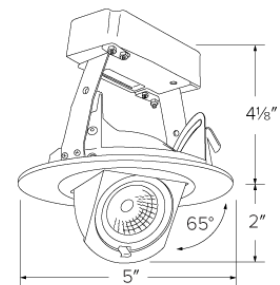- Instant On to Full Brightness.
- No LED pixelation.

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

Listings:

- UL 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.

Specifications

Wattage	12.6W
Lumens	850 lm
Voltage	120/277V
Color Temp.	2700K
Dimmable	Triac/ELV/0-10V
Beam Angle	36°
CRI	93+
Damp Location	Listed

Options

White   Black   Bronze

Dimensions

4⅛"

65°

2"

5"

Product Number

Item	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
EL49727DXW	850 lm	2700K	12.6W	120/277V	Triac/ELV/0-10V	36°	White

Product Number Builder   Example: **EL49727DXW**

ELCO 4″ Adjustable LED Inserts	Color Temp.	Finish
EL497		

27 2700K
30 3000K

DXW White
DXB Black
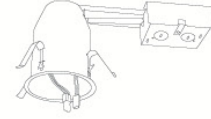**DXBZ** Bronze

Compatible Products

For use with **4" 0-10V Adjustable LED Inserts**
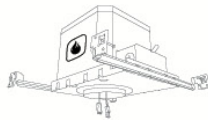
4" 0-10V Dedicated LED Housings

4" 0-10V Dedicated LED Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490ICDXA	14W, 120/277V
EL490ICDXA-EM5	Emergency Back-Up

4" 0-10V Dedicated LED Housing
New Construction

CAT NO.	SPECIFICATIONS
EL490RICDXA	14W, 120/277V

2-Hour Fire Rated 4" 0-10V Dedicated LED Housing
New Construction

CAT NO.	SPECIFICATIONS
EL49FICDXA	7 ¾" Height - 14W, 120/277V