

# 4" 0-10V Square 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)

## Specifications

<b>Wattage</b>	12.6W
<b>Lumens</b>	900 lm
<b>Voltage</b>	120/277V
<b>Color Temp.</b>	3000K
<b>Dimmable</b>	Triac/ELV/0-10V
<b>Beam Angle</b>	36°
<b>CRI</b>	93+
<b>Damp Location</b>	Listed

## Options



## 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 14W. 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.

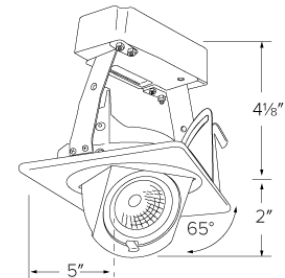
**Dimmability:** Works with Triac/ELV/0-10V dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

### 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.

## Dimensions



## Product Number

Item	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
EL44730DXB	900 lm	3000K	12.6W	120/277V	Triac/ELV/0-10V	36°	Black

# Product Number Builder

Example: **EL44727DXW**

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ELCO 4" adjustable LED Inserts

**EL447**

Color Temp.

**27** 2700K  
**30** 3000K

Finish

**DXW** White  
**DXB** Black  
**DXBZ** Bronze

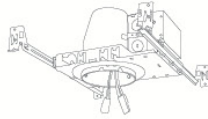
# Compatible Products

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



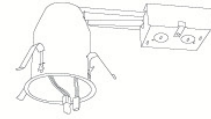
## 4" 0-10V Dedicated LED Housings

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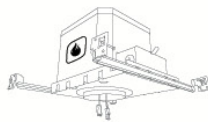
4" 0-10V Dedicated LED Housing  
**New Construction**

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 3/4" Height - 14W, 120/277V