

Project name:

Fixture type:

Date:

# 4" 0-10V LED Inserts with 5-CCT and 3-Lumen Switch

This unique Ply System 0-10V dimmable LED Insert gives you the options you are looking for in one fixture. Engineered with energy-efficient LED technology and with a 120/277V 0-10V dimmable driver for a budget friendly 0-10V solution. Switch to desired Color Temperature (2700K, 3000K, 3500K, 4000K or 5000K) and Lumen Output (850 lm, 1000 lm, 1500 lm) by using manual switch located on module. Designed to be used for New Construction, Remodel with ELCO Ply<sup>™</sup> System Housings or as a retrofit with existing housings.



#### Features

- Manual switch to choose desired Color Temperature and Lumen Output
- 0-10V Dimmable
- 120/277V Driver
- Soft white lens provides smooth lumen distribution and eliminates LED pixelation
- Deep set LED trim reduces glare while providing even illumination
- 90+ CRI for extremely accurate color rendering
- CA Title 24, ETL listed, ENERGY STAR, JA8-2016-E
- Life span of 50,000 hours L70
- Patent Pending

#### **Technical Details**

**Optics:** Frosted polycarbonate lens diffuses light evenly while reducing glare with LED technology.

Construction: For use in IC and non-IC applications. High quality powder coat prevents rust and cracking.

Installation: For use with ELCO 4" Ply™ Housings EL49FICDXA, EL49FICDXA-B, EL490ICDXA, EL490ICDXA-B, EL490ICDXA-EM5, EL490RICDXA.

**Electrical:** 120/277V Input. Power factor > 0.9 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 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 with no hot spots or flickering.

Listings: UL Listed for Wet Location. RoHS Compliant. ENERGY STAR® Certified. California Title 24 JA8-2016-E.

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

### Specifications

Wattage	9.5, 13.5, 18W			
Lumens	850, 1000, 1500 lm			
Voltage	120/277V			
Color Temp.	2700K, 3000K, 3500K, 4000K, 5000K			
Dimmable	0-10V			
Lamp Type	LED			
CRI	90+			
Wet Location	Listed			

#### Options





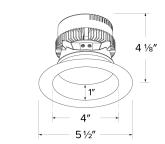
All Black



All White

Haze/White Ring

#### Dimensions

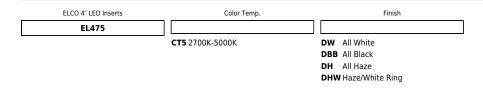


### **Product Numbers**

Lamp type	Lumens	сст	Watts	Voltage	Dimming	Finish
LED	850, 1000, 1500 lm	2700K, 3000K, 3500K, 4000K, 5000K	9.5, 13.5, 18W	120/277V	0-10V	All White
LED	850, 1000, 1500 lm			120/277V	0-10V	All Haze
LED	850, 1000, 1500 lm	2700K, 3000K, 3500K, 4000K, 5000K	9.5, 13.5, 18W	120/277V	0-10V	All Black
LED	850, 1000, 1500 lm	2700K, 3000K, 3500K, 4000K, 5000K	9.5, 13.5, 18W	120/277V	0-10V	Haze/White Ring
	type LED LED	type Lumens   LED 1000, 1500 lm   LED 850, 1000, 1500 lm   LED 850, 1000, 1500 lm   LED 850, 1000, 1500 lm   LED 850, 1000, 1500 lm	type Lumens CC1   type 2700K, 3000K, 1500 im 3000K, 3500K, 5000K   LED 1000, 1500 im 3500K, 5000K   LED 1000, 1500 im 3500K, 5000K   LED 1000, 1500 im 3500K, 5000K   LED 1000, 1500 im 3500K, 5000K   LED 1000, 1500 im 3500K, 3000K, 5000K   LED 1000, 1500 im 3500K, 3000K, 5000K	type Lumens CC1 Watts   type 2700K, 1000, 1500 im 3000K, 3500K, 5000K 9.5, 3500K, 18W   LED 1000, 1500 im 3000K, 4000K, 3500K, 1500 im 13.5, 4000K, 1500 im   LED 1000, 1500 im 3500K, 3500K, 1500 im 13.5, 4000K, 1500 im   LED 1000, 3500K, 1500 im 3500K, 4000K, 3500K, 13.5, 1500 im 13.5, 4000K, 13.5, 3000K, 9.5, 3000K, 3000K, 9.5, 3000K	type Lumens CC1 watts vortage   type 2700K, 1500 im 3000K, 3500K, 1500 im 9.5, 3000K, 1350 ik 120/277V   LED 1500 im 4000K, 3500K, 1500 im 135, 4000K, 18W 120/277V   LED 1000, 1500 im 3500K, 4000K, 1500 im 13.5, 4000K, 18W 120/277V   LED 1000, 1500 im 3500K, 4000K, 1500 im 13.5, 120/277V 120/277V   LED 100, 3500K, 1500 im 3500K, 3000K, 13.5, 120/277V 120/277V   LED 100, 3500K, 1500 im 3500K, 3000K, 13.5, 120/277V 120/277V	type Lumens CC1 watts vortage Dimming   type 2700K, 1000, 1500 Im 3500K, 3500K, 5000K 9.5, 120/277V 0-10V   LED 1000, 1500 Im 3500K, 4000K, 1500 Im 120/277V 0-10V   LED 1000, 1500 Im 3500K, 4000K, 1500 Im 120/277V 0-10V   LED 1000, 1500 Im 3500K, 4000K, 1500 Im 120/277V 0-10V   LED 1000 Im 3500K, 3000K, 5000K 120/277V 0-10V   LED 1000 Im 3500K, 3000K, 5000K 120/277V 0-10V   LED 1000, 1500 Im 3500K, 3000K, 5000K 120/277V 0-10V   LED 1000, 1500 Im 3500K, 3000K, 9.5, 120/277V 120/277V 0-10V

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### Product Number Builder Example: EL475CT5DW



# **Compatible** Products

For use with 4" 0-10V LED Inserts with 5-CCT and 3-Lumen Switch

## EL ELCO Lighting

## 4" 0-10V Dedicated LED Housings



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



4" 0-10V Dedicated LED Housing Remodel

SPECIFICATIONS

14W, 120/277V

CAT NO.

EL490RICDXA



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

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

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

## 4" Accessories



CAT NO.

for Butterfly Bracket SPECIFICATIONS

FB27 Set of two 27" flat hanger bars for wood construction



Hanger Bars for Butterfly Bracket

CAT NO. SPECIFICATIONS CH26

Set of two 26" C-Channel hanger bars for T-Bar ceiling



**Emergency Battery Backup** 

CAT NO. SPECIFICATIONS KEM-LD5

8W, 120/277V