

# 6" 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 (1000 lm, 1500 lm, 2000 lm) by using manual switch located on module. Designed to be used for New Construction, Remodel with ELCO Ply 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
- Lumens (Wattage): 1000 lm (13W), 1500 lm (19W), 2000 lm (24W)
- 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

## Specifications

<b>Wattage</b>	13, 19, 24W
<b>Lumens</b>	1000, 1500, 2000 lm
<b>Voltage</b>	120/277V
<b>Color Temp.</b>	2700K, 3000K, 3500K, 4000K, 5000K
<b>Dimmable</b>	0-10V
<b>Lamp Type</b>	LED
<b>CRI</b>	90+
<b>Wet Location</b>	Listed

## Options



All White



All Haze



Haze w/White Trim



Chrome w/White Trim



All 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. Spun Aluminum for greater heat dissipation. High quality powder coat finish preventing rust and paint cracking.

**Installation:** Quick connect for use with EL76FICDXA, EL76FICDXA-B, EL760ICDXA, EL760ICDXA-B, EL760ICDXA-EM5 and EL760RICDXA.

**Electrical:** Driver connects to 120/277V power supply. High Efficiency driver with a power factor > 0.9. Start time of less than .75 seconds.

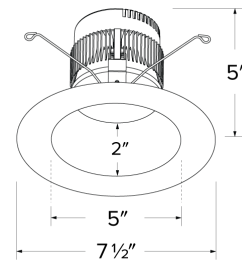
**LED Technology:** Extremely accurate color rendering with 93+ CRI. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Superior Thermal Management by utilizing integral heat sink. Instant On to Full Brightness. No LED pixelation.

**Dimmability:** Works with 0-10V dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List. Industry leading dimming. Dims smoothly with no hot spots or flickering.

**Listings:** 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.

## Dimensions



## Product Number

Item	Lamp type	Lumens	CCT	Watts	Voltage	Dimming	Finish
EL685CT5DBB	LED	1000, 1500, 2000 lm	2700K, 3000K, 3500K, 4000K, 5000K	13, 19, 24	120/277V	0-10V	All Black

# Product Number Builder

Example: **EL685CT5DW**

ELCO 6" LED Inserts

Color Temp.

Finish

**EL685**

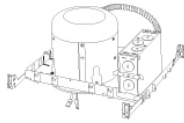
**CT5** 2700K-5000K

**DW** All White  
**DH** All Haze  
**DHW** Haze with White Trim  
**DCW** Chrome with White Trim  
**DBB** All Black

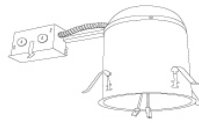
# Compatible Products

For use with 6" 0-10V LED Inserts with 5-CCT and 3-Lumen Switch

## 6" 0-10V Dedicated LED Housings



6" 0-10V Dedicated LED Housing  
New Construction



6" 0-10V Dedicated LED Housing  
Remodel



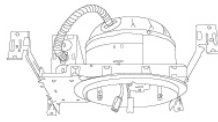
2-Hour Fire Rated  
6" 0-10V Dedicated LED Housing  
New Construction

CAT NO.	SPECIFICATIONS
EL770ICDXA	120/277V
EL770ICDXA-B	Butterfly Bracket
EL770ICDXA-EM5	Emergency Back-Up

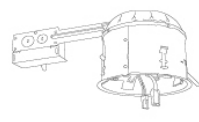
CAT NO.	SPECIFICATIONS
EL770RICDXA	120/277V

CAT NO.	SPECIFICATIONS
EL76FICDXA	7 3/4" Height - 24W, 120/277V
EL76FICDXA-B	Butterfly Bracket

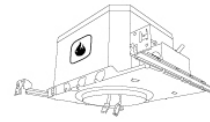
## 6" 0-10V Shallow Dedicated LED Housings



6" 0-10V Dedicated LED Housing  
Shallow New Construction



6" 0-10V Dedicated LED Housing  
Shallow Remodel



2-Hour Fire Rated  
6" 0-10V Dedicated LED Housing  
Shallow New Construction

CAT NO.	SPECIFICATIONS
EL760ICDXA	120/277V
EL760ICDXA-B	Butterfly Bracket
EL760ICDXA-EM5	Emergency Back-Up

CAT NO.	SPECIFICATIONS
EL760RICDXA	120/277V

CAT NO.	SPECIFICATIONS
EL75FICDXAS	6 3/16" Height - 24W, 120/277V

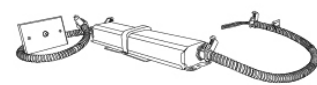
## 6" Accessories



Hanger Bars  
for Butterfly Bracket



Hanger Bars  
for Butterfly Bracket



Emergency Battery Backup

CAT NO.	SPECIFICATIONS
FB27	Set of two 27" flat hanger bars for wood construction

CAT NO.	SPECIFICATIONS
CH26	Set of two 26" C-Channel hanger bars for T-Bar ceiling

CAT NO.	SPECIFICATIONS
KEM-LD5	8W, 120/277V



**ELCO Lighting**

# Dimmer Compatibility Chart

## 0-10V Dimming LED Inserts

For EL475, EL495, EL685 and EL695 Series

### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
Lutron	Diva®, 120/277V, 0-10V, Single Pole, 3-Way	DVSTV-WH	10% - 100%
	Nova T®, 120/277V, 0-10V, Single Pole, Slide-to-off	NTSTV-DV-WH	10% - 100%
Philips	Sunrise, 120/277V, 0-10V, LED/CFL, Preset Slider, 3-Way	SR1200ZTUNV	10% - 100%

**\*NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details**

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



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