## Date:

## 4" 0-10V LED Inserts with 5CCT 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 $0-10 \mathrm{~V}$ solution. Switch to desired Color Temperature ( $2700 \mathrm{~K}, 3000 \mathrm{~K}, 3500 \mathrm{~K}, 4000 \mathrm{~K}$ or 5000 K ) and Lumen Output ( $850 \mathrm{Im}, 1000 \mathrm{Im}, 1500 \mathrm{Im}$ ) by using manual switch located on module. Designed to be used for New Construction, Remodel with ELCO Ply ${ }^{\mathrm{m}}$ 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): 850 lm (9.5W), 1000 Im (13.5W), 1500 Im (18W)
- 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 ${ }^{\text {™ }}$ 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: cUL Listed for Wet Location. RoHS Compliant. ENERGY STAR® Certified. California Title 24 JA8-2016E.

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

## Options



## Dimensions



## Product Numbers

| Item | Lamp type | Lumens | CCT | Watts | Voltage | Dimming | Finish |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL475CT5DW | LED | 850, <br> 1000, <br> 1500 Im | $\begin{aligned} & 2700 \mathrm{~K}, \\ & 3000 \mathrm{~K}, \\ & 3500 \mathrm{~K}, \\ & 4000 \mathrm{~K}, \\ & 5000 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & 9.5, \\ & 13.5, \\ & 18 \end{aligned}$ | 120/277V | 0-10V | All White |


| Item | Lamp type | Lumens | CCT | Watts | Voltage | Dimming | Finish |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EL475CT5DH | LED | 850, <br> 1000, <br> 1500 Im | $\begin{aligned} & \hline 2700 \mathrm{~K}, \\ & 3000 \mathrm{~K}, \\ & 3500 \mathrm{~K}, \\ & 4000 \mathrm{~K}, \\ & 5000 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & 9.5, \\ & 13.5, \\ & 18 \end{aligned}$ | 120/277V | 0-10V | All Haze |
| EL475CT5DBB | LED | 850, <br> 1000, <br> 1500 Im | $\begin{aligned} & 2700 \mathrm{~K}, \\ & 3000 \mathrm{~K}, \\ & 3500 \mathrm{~K}, \\ & 4000 \mathrm{~K}, \\ & 5000 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & 9.5, \\ & 13.5, \\ & 18 \end{aligned}$ | 120/277V | 0-10V | All Black |
| EL475CT5DHW | LED | 850, <br> 1000, <br> 1500 Im | $\begin{aligned} & 2700 \mathrm{~K}, \\ & 3000 \mathrm{~K}, \\ & 3500 \mathrm{~K}, \\ & 4000 \mathrm{~K}, \\ & 5000 \mathrm{~K} \end{aligned}$ | $\begin{aligned} & 9.5, \\ & 13.5, \\ & 18 \end{aligned}$ | 120/277V | 0-10V | Haze with White Trim |

## Product Number Builder

| ELCO 4" LED Inserts | Color Temp. |  | Finish |
| :---: | :---: | :---: | :---: |
| EL475 |  |  |  |
|  | CT5 2700K-5000K | DW | All White |
|  |  | DBB | All Black |
|  |  | DH | All Haze |
|  |  | DHW | Haze with White Trim |

## Compatible Products

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

## 4" 0-10V Dedicated LED Housings



## 4" Accessories

|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hanger Bars for Butterfly Bracket |  | Hanger Bars for Butterfly Bracket | Emergency Battery Backup |  |
| CAT No. | SPECIFICATIONS | CAT No. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
| FB27 | Set of two $27^{\prime \prime}$ flat hanger bars for wood construction | CH 26 | Set of two 26" C-Channel hanger bars for T-Bar ceiling | KEM-LD5 | 8W, 120/277V |

# Dimmer Compatibility Chart 0-10V Dimming LED Inserts 

## ELCO Lighting

## 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 |  | Dimmed Light <br> Output Range |
| :--- | :--- | :--- | :---: |
|  | Diva $^{\oplus}, 120 / 277 \mathrm{~V}, 0-10 \mathrm{~V}$, Single Pole, 3-Way | Part Number | DVSTV-WH |

*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 refrence that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.

