

# 6" 0-10V Adjustable LED Inserts

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
- Lumens (Wattage): 850 lm (12.6W), 900 lm (12.6W)
- 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
- cUL listed
- Energy Star Certified
- Title 24 JA8-2019 Compliant
- Life span of 50,000 hours L70

## Specifications

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

## 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 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:

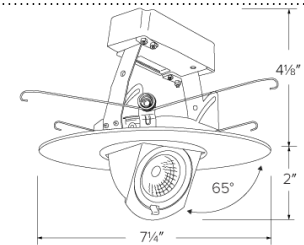
- Extremely accurate color rendering with 93+ CRI.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing integral heat sink.
- Instant On to Full Brightness.
- No LED pixelation.

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

### Listings:

- cUL Listed for Wet Location.
- RoHS Compliant.
- ENERGY STAR® Certified.
- Title 24 JA8-2019 Compliant.

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



## Product Number

Item	Lumens	CCT	Watts	Voltage	Dimming	Beam Angle	Finish
EL6972DXBZ	850 lm	2700K	12.6W	120/277V	Triac/ELV/0-10V	36°	All Bronze

**Product Number Builder** Example: **EL69727DXW**

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ELCO 6" adjustable LED Inserts

Color Temp.

Finish

**EL697**

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

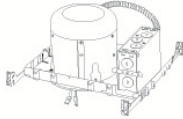
- DXW** All White
- DXB** All Black
- DXBZ** All Bronze

# Compatible Products

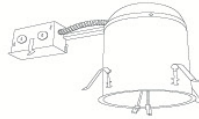
For use with 6" 0-10V LED Inserts



## 6" 0-10V Dedicated LED Housings



6" 0-10V Dedicated LED Housing  
New Construction



6" 0-10V Dedicated LED Housing  
Remodel



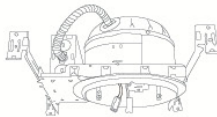
2-Hour Fire Rated  
6" 0-10V Dedicated LED Housing  
New Construction

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

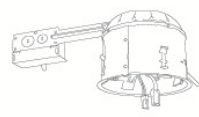
CAT NO.	SPECIFICATIONS
EL770RICDXA	120/277V

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

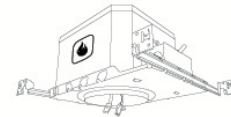
## 6" 0-10V Shallow Dedicated LED Housings



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

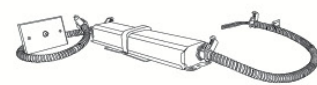
## 6" Accessories



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