

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

4" 0-10V new construction dedicated LED housing. Compatible with 4" 0-10V LED inserts.



## Features

- Wired for 0-10V Dimming
- Single wall IC Airtight rated for Direct Contact with Insulation
- 120/277V Input
- Meets restricted air flow requirements (per ASTM E-283)
- UL Listed for direct contact with Insulation
- UL Listed for Damp Locations
- UL Listed for Wet Location with Wet Location Rated Inserts
- UL Listed for Feed Through
- CA Title 24 Compliant

## Specifications

<b>Wattage</b>	14W
<b>Voltage</b>	120/277V
<b>Wet Location</b>	Listed
<b>Damp Location</b>	Listed

## Options



**EL490ICDXA-B**  
Butterfly Bracket



**EL490ICDXA-EM5**  
Emergency Backup

## Technical Details

### Construction:

- Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.
- Steel housing for greater heat dissipation. Stamped galvanized steel frame.

**Installation:** Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 4 1/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

**Junction Box:** Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts with pry-out knockout slots. 4 Romex pryouts with strain relief.

**Hanger Bars:** Pre-installed hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists. Hanger bars (CH26 or FB27) ordered separately for EL490ICDXA-B (Butterfly Bracket).

### Electrical:

- Input Voltage: 120/277V
- Inherently protected.

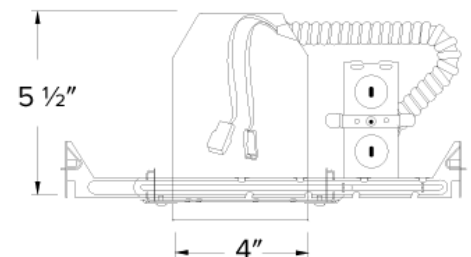
**Dimmability:** Dimmability based on LED Insert. 0-10V Dimmable with 0-10V Dimmable Ply Inserts.

**Lamp:** Designed for use with ELCO 4" 0-10V LED inserts.

**Listings:** UL Listed for Damp Location. UL Listed for Wet Location with select trims. UL Listed for Feed Through. UL Listed for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. Install a JA8-2016-E lamp for Title 24 Compliance.

**Warranty:** ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

## Dimensions



## Product Number

Item	Description	Watts	Voltage
EL490ICDXA	4" New Construction	14W	120/277V

# Compatible Products



For use with Dedicated 4" IC LED Housings

## 4" Ply™ 0-10V Dimmable, 120/277V LED Inserts



**Round Insert**

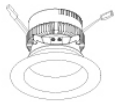
**EL495**

Finishes:

(DW, DHW, DCW)

### PRODUCT NUMBER BUILDER

4" 120/277V LED Inserts	Color Temperature	Finish
<b>EL495</b>	<b>30</b> 3000K (800 lm) <b>35</b> 3500K (850 lm) <b>40</b> 4000K (900 lm)	<b>DW</b> All White <b>DHW</b> Haze w/White Ring <b>DCW</b> Chrome w/White Ring





**Round Insert with 5-CCT and 3-Lumen Switch**

**EL475CT5DW**

All White

CAT NO.	COLOR TEMPERATURE	LUMENS
EL475CT5DW	5-CCT Switch 2700K, 3000K, 3500K, 4000K, 5000K	3-Lumen Switch 850 lm, 1000 lm, 1500 lm

## 4" Ply™ 0-10V Dimmable, 120/277V Adjustable LED Inserts



**Round Adjustable Gimbal**

**EL414**

Finishes:

(DXW, DXB)



**Round Adjustable Insert**

**EL497**

Finishes:

(DXW, DXB, DXBZ DXN)



**Square Adjustable Insert**

**EL447**

Finishes:

(DXW, DXB, DXBZ DXN)



### ACCESSORIES

**Interchangeable Lens**  
(For EL497 & EL447 Series only)

**EP710C** 20° Beam  
**EP712C** 60° Beam

### PRODUCT NUMBER BUILDER

4" 120/277V Adjustable LED Inserts	Style	Color Temperature	Finish
<b>EL4</b>	<b>14</b> Adjustable Gimbal <b>97</b> Round Adjustable <b>47</b> Square Adjustable	<b>27D</b> 2700K <b>30D</b> 3000K	<b>DXW</b> All White <b>DXB</b> All Black <b>DXBZ</b> All Bronze <b>DXBN</b> All Nickel