

# 6" 0-10V IC New Construction Dedicated LED Housing



## 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)
- cUL listed for direct contact with insulation
- cUL listed for wet locations with wet location inserts
- cUL listed for feed through
- CA Title 24 compliant

## Specifications

<b>Voltage</b>	120/277V
<b>Dimmable</b>	0-10V/Triac/ELV

## Options



### 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 1/4" 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 6 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. 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.

**Electrical:** Input Voltage: 120/277V. Inherently protected. Fixture rated for 24W MAX. LED insert

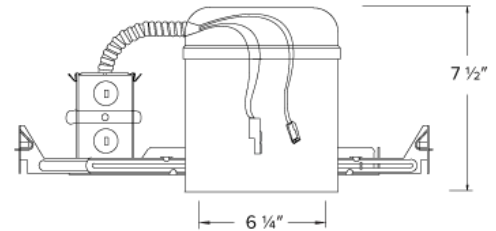
**Trims:** Compatible with ELCO 6" 0-10V LED Inserts and 0-10V Koto™ Module.

**Dimmability:** Dimmability based on insert used.

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

**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	Voltage	Dimming
EL770ICDXA-EM5	Emergency Backup	120/277V	0-10V/Triac/ELV

# Compatible Products

For use with Dedicated 6" IC LED Housings



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



**Round Insert**

**EL695**

Finishes:

(DW, DHW, DCW)

PRODUCT NUMBER BUILDER			
6" 120/277V LED Inserts	Color Temperature		Finish
<b>EL695</b>			
	<b>30</b>	3000K (1350 lm)	<b>DW</b> All White
	<b>35</b>	3500K (1425 lm)	<b>DHW</b> Haze w/White Ring
	<b>40</b>	4000K (1500 lm)	<b>DCW</b> Chrome w/White Ring

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



**Round Adjustable Pull Down**

**EL697**

Finishes:

(DXW, DXB, DXBZ, DXN)

### ACCESSORIES



**Interchangeable Lens**

(For EL697 Series only)

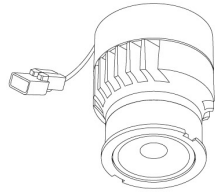
**EP710C** 20° Beam  
**EP712C** 60° Beam

PRODUCT NUMBER BUILDER			
6" 120/277V Adjustable LED Inserts	Style	Color Temperature	Finish
<b>EL6</b>			
	<b>97</b> Round Adjustable	<b>27D</b> 2700K (850 lm)	<b>DXW</b> All White
		<b>30D</b> 3000K (900 lm)	<b>DXB</b> All Black
			<b>DXBZ</b> All Bronze
			<b>DXBN</b> All Nickel

# Compatible Products

For use with Dedicated 6" 0-10V Koto ICAD LED Housings

## 0-10V Koto™ LED Module



0-10V Koto™  
LED Module  
ELK10DX

PRODUCT NUMBER BUILDER				
0-10V Koto™ LED Module	Lumens	Voltage	Color Temperature	Beam Angle
ELK				
	10 1000 lm	DX 120/277V	27 2700K	(blank) 38° lens (Standard)
			30 3000K	-S 18° lens
			35 3500K	-N 25° lens
			40 4000K	-W 60° lens
			SD Sunset Dimming	

### ACCESSORIES



#### Lens

- EP731C 18° Lens
  - EP732C 25° Lens
  - EP733C 38° Lens
  - EP734C 60° Lens
- \*EP732C, EP733C, EP734C Included



#### Snoot

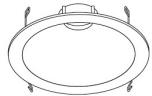
- L50W White
- L50B Black



#### Secondary Optics

- L45 Hex Louver
- L46 Linear Lens
- L47 Spread Louver
- L49 Frosted Lens
- L51 Color Shifter

## 6" Twist-On Trims

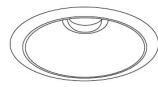


Round Deep Reflector

ELK6418

Finishes:

(W, BB, BZ, H)

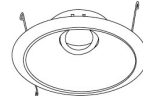


Round Reflector

ELK610

Finishes:

(WW, BB, BZBZ, BW, CC, CW, CN, HW)



Adj. Round Reflector

ELK629

Finishes:

(WW, BB, BZBZ, BW, CW, HW)

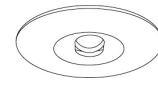


Adj. Round Baffle

ELK693

Finishes:

(WW, BB, BZBZ, BW)



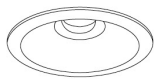
Adj. Slot Aperture

ELK6420

Finishes:

(W)

## 6" Unique™ Twist-On Trims

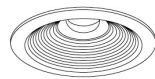


Round Reflector

ELK6710

Finishes:

(W, B, BZ)

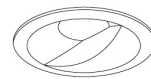


Round Baffle

ELK6713

Finishes:

(W, BZ)



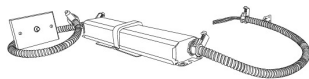
Round Wall Wash

ELK6715

Finishes:

(W, BZ)

## 6" Accessories



Emergency Battery Backup

CAT NO. SPECIFICATIONS

KEM-LD5 8W, 120/277V

\* Requires access from above



Fire Cover

CAT NO. SPECIFICATIONS

FIRECVR 9 3/4" H x 17" O.D.



Fire Enclosure

CAT NO. SPECIFICATIONS

FIREENCL 20 3/8" L x 14 3/8" W

FIREENCL-S Shallow, 16" L x 14 3/8" W



Mica Fire Tape

CAT NO. SPECIFICATIONS

FIRETAPE 3/4" W x 16' L