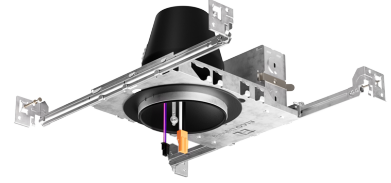# 4" 0-10V New Construction Dedicated LED Housing

4" 0-10V new construction dedicated LED housing. Compatible with 4" 0-10V LED inserts & 0-10V Koto™ Module.

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 Damp Locations
- cUL Listed for Wet Location with Wet Location Rated Inserts
- cUL Listed for Feed Through
- CA Title 24 Compliant

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.

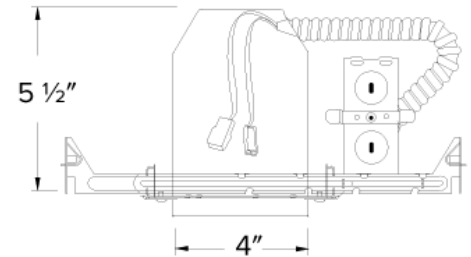**Electrical:** Input Voltage: 120/277V. Inherently protected.

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 and 0-10V Koto™ Module.

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. 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.

Specifications

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

Options

EL490ICDXA-EM5 Emergency Backup

Dimensions

5 1/2"

4"

Product Number

Item	Description	Watts	Voltage
EL490ICDXA-EM5	4" New Construction Emergency Backup	14W	120/277V

Compatible Products

EL ELCO Lighting

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
EL495		
	30 3000K (800 lm)	**DW** All White
	35 3500K (850 lm)	**DHW** Haze w/White Ring
	40 4000K (900 lm)	**DCW** Chrome w/White Ring
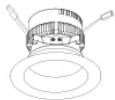
**Round Insert with 5-CCT
and 3-Lumen Switch**

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
	CCT SWITCH	**LUMEN** Switch

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
EL4			
	14 Adjustable Gimbal	**27D** 2700K	**DXW** All White
	97 Round Adjustable	**30D** 3000K	**DXB** All Black
	47 Square Adjustable		**DXBZ** All Bronze
			DXBN All Nickel

Compatible Products

EL ELCO Lighting

0-10V Koto™ LED Module

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	
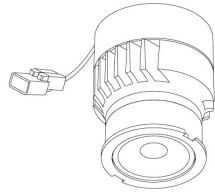
0-10V Koto™ LED Module
ELK10DX

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

4" Pex™ Round Twist-On Trims

Recommended to be used with Maximum Adjustability Housing

Reflector
ELK4118
Finishes:
(W, BB, BZ, B, C, H)
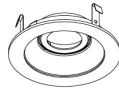
Adjustable Gimbal
ELK4129
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Pinhole
ELK4127
Finishes:
(B, BB, BZ)
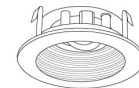
Adjustable Baffle
ELK4193
Finishes:
(W, BB, B)

Slot Aperture
ELK4130
Finishes:
(W)

Rotatable Slot Aperture
ELK4120
Finishes:
(W)

Adj. Wall Wash
ELK4122
Finishes:
(W)

Compatible Products

For use with Dedicated **4" 0-10V Koto ICAD LED Housings**

4" Pex™ Square Twist-On Trims

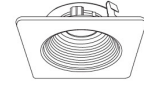*Recommended to be used with Maximum Adjustability Housing*

Reflector
ELK4218
Finishes:
(W, BB, BZ, B, C, H)
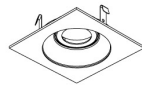
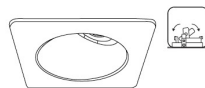**Adjustable Gimbal**
ELK4229
Finishes:
(W, BB, BZ, B, C, H)
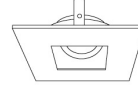
Adjustable Pinhole
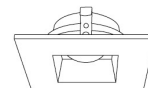ELK4227
Finishes:
(B, BB, BZ)

Adjustable Phenolic Baffle
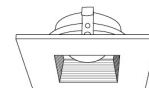ELK4293
Finishes:
(W, BB, B)

Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)

Adjustable Baffle
ELK4284
Finishes:
(W)

4" Flexa™ Twist-On Trims

Round Reflector
ELK4721
Finishes:
(WW, BB, BZBZ, BW, CC, CW, HW, CN)
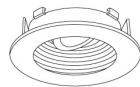
Round Baffle
ELK4723
Finishes:

(WW, BB, BZBZ, BW)
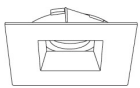
Square Reflector
ELK4741
Finishes:
(WW, BB, BZBZ, BW, HW)
Not for Remodel Housing
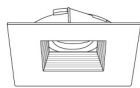
Square Baffle
ELK4743
Finishes:
(WW, BB, BZBZ, BW)
Not for Remodel Housing
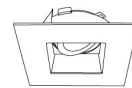
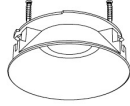**Adjustable Square Reflector**
ELK4759
Finishes:
(WW, BB, B, H)

Compatible Products

For use with Dedicated **4" 0-10V Koto ICAD LED Housings**

4" Pex™ Trimless
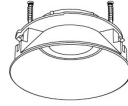· *Only for use with EL485ICDXA & EL490AJICDXA*

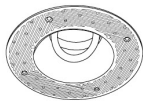**Round Spackle
Frame Only**
EL4SFR

Round Smooth Reflector
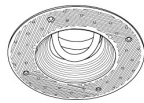ELK408
Finishes:
(W, B, BZ, H)

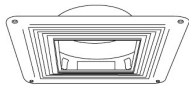**Round Adjustable
Reflector**
ELK415
Finishes:
(W, B, BZ, H)

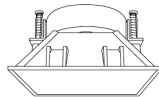**Adjustable Reflector
with Spackle Frame**
ELK430
Finishes:
(W, B, BZ, H)

**Adjustable Baffle
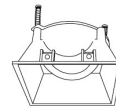with Spackle Frame**
ELK434
Finishes:
(W, B, BZ)

Sq. Spackle Frame
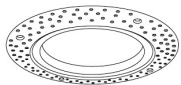EL4SFS

Sq. Smooth Reflector
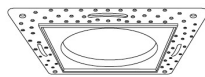ELK445
Finishes:
(W, B, H)

Sq. Adjustable Reflector
ELK459
Finishes:
(W, B, H)
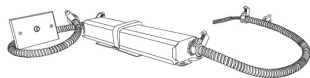
4" Flush Mount Trim Adaptors

Round Flush Mount
EL4FMR
*For use with
ELK41 & Unique™ Trims*

Square Flush Mount
EL4FMS
*For use with
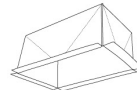ELK42 Trims*

4" Accessories

Emergency Battery Backup

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

* Requires access from above

Fire Cover

CAT NO.	SPECIFICATIONS
FIRECVR	9 ¾" H x 17" O.D.

Fire Enclosure

CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜" L x 14 ⅜" W
FIREENCL-S	Shallow, 16" L x 14 ⅜" W
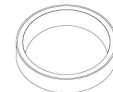
Mica Fire Tape

CAT NO.	SPECIFICATIONS
FIRETAPE	¾" W x 16' L