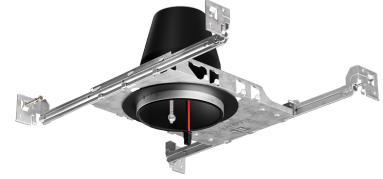


# 24V DC 4" New Construction IC Airtight Housing

24V DC 4" New construction dedicated LED housing. Compatible with 24V DC Koto Module & Koto Trims.



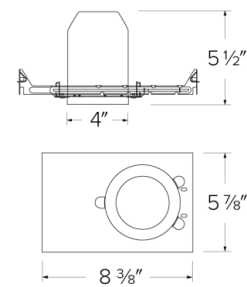
## Features

- Only for use with [24V DC Koto Module](#)
- IC Airtight for direct contact with insulation, for use in IC and non-IC applications
- Simple installation with 24V Wire
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness
- Meets Title 24 requirements. ENERGY STAR® Certified
- Trims and module sold separately

## Specifications

<b>Wattage</b>	18W MAXW
<b>Voltage</b>	24V DC
<b>Damp Location</b>	Listed

## Dimensions



## 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.

**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. (For trimless applications only: access above the ceiling is required for servicing the fixture after installation.)

**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: 24V DC.
- Inherently protected.

**Lamp:** Designed for use with ELCO 24V DC Koto Module and trims.

### Listings:

- cULus Listed for US and Canada.
- 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 JA8-2022-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.

## Product Numbers

Item	Watts	Voltage
<b>E24V490ICA</b>	18W MAX	24V DC

# Compatible Products

For use with Dedicated 4" 24V DC ICA New Construction Housings

## Koto™ 24V DC LED Light Engine



24V DC Koto™ LED Light Engine

### PRODUCT NUMBER BUILDER

Koto™ LED Light Engine	Lumens	Color Temperature	Voltage
ELK	08 800 lm	27 2700K 30 3000K	-24 24V DC

*\*Standard module includes 38° installed with 25° & 60° field changeable lenses.*

### ACCESSORIES



#### Lens

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



#### Snoot

- L50W White
- L50B Black



#### Secondary Optics

- L45 Hex Louver
- L46 Linear Lens
- L47 Spread Louver
- L49 Frosted Lens
- L51 Color Shifter
- L57 White Hex Louver
- L52 Blue Lens
- L53 Pink 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 4" 24V DC ICA New Construction Housings

## 4" Pex™ Square Twist-On Trims



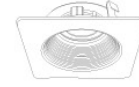
**Reflector**  
**ELK4218**  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Gimbal**  
**ELK4229**  
Finishes:  
(W, BB, BZ, B, C, H)



**Adjustable Pinhole**  
**ELK4227**  
Finishes:  
(B, BB, BZ)



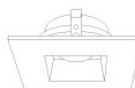
**Adjustable Phenolic Baffle**  
**ELK4293**  
Finishes:  
(W, BB, B)



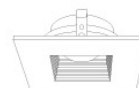
**Adj. Slot Rotatable Aperture**  
**ELK4220**  
Finishes:  
(W)



**Adjustable Wall Wash**  
**ELK4222**  
Finishes:  
(W)



**Adjustable Reflector**  
**ELK4282**  
Finishes:  
(W)



**Adjustable Baffle**  
**ELK4284**  
Finishes:  
(W)

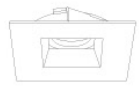
## 4" Flexa™ Twist-On Trims



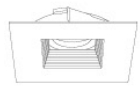
**Round Reflector**  
**ELK4721**  
Finishes:  
(WW, BB, BZBZ, BW, CC, CW, HW, CN)



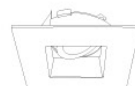
**Round Baffle**  
**ELK4723**  
Finishes:  
(WW, BB, BZBZ, BW)



**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 4" 24V DC ICA New Construction Housings

## 4" Pex™ Trimless • Only for use with E24V485ICA & E24V490AJICA

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**Round Spackle  
Frame Only**  
EL4SFR



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



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



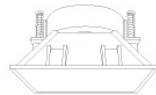
**Adjustable Reflector  
with Spackle Frame**  
ELK430  
Finishes:  
(W, B, BZ, H)



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



**Sq. Spackle Frame**  
EL4SFS



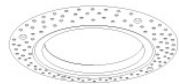
**Sq. Smooth Reflector**  
ELK445  
Finishes:  
(W, B, H)



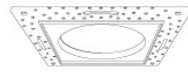
**Sq. Adjustable Reflector**  
ELK459  
Finishes:  
(W, B, H)

## 4" Flush Mount Trim Adaptors

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



**Square Flush Mount**  
EL4FMS  
For use with  
ELK42 Trims

# Compatible Products

For use with Dedicated 4" 24V DC ICA New Construction Housings

## 24V DC Transformers



**Electronic Low Voltage  
Dimmable Driver**

CAT NO.	SPECIFICATIONS
DRVE24V60W	60W, 120V Input



**Constant Voltage  
LED Driver**

CAT NO.	SPECIFICATIONS
DRV60W	60W, 120/277V Input
DRV100W	100W, 120/277V Input



**0-10V  
Dimmable Driver**

CAT NO.	SPECIFICATIONS
DRV30W-10	30W, 120/277V Input
DRV60W-10	60W, 120/277V Input
DRV96W-10	96W, 120/277V Input



**Lutron™ Hi-Lume 1%  
LED Driver**

CAT NO.	SPECIFICATIONS
DRVLT40W	40W, Triac, 120/277V
DRVLT340W	40W, Lutron Ecosystem, 120/277V



**Lutron™ Hi-Lume Premiere 0.1%  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVL396W	96W, Lutron Ecosystem, 120/277V Input



**Universal (Small)  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVU24V24WD	24W, 24V DC (1A), Triac/ELV/MLV
DRVU24V60WD	60W, 24V DC (2.5A), Triac/ELV/MLV



**Universal (Medium)  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVU24V100WD	100W, 24V DC (4A), Triac/ELV/MLV



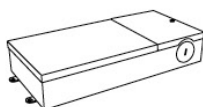
**Universal (Large)  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVU24V200WD	200W, 24V DC (8A), Triac/ELV/MLV



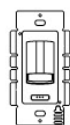
**Universal (X-Large)  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVU24V300WD	300W, 24V DC (12A), Triac/ELV/MLV



**Electronic (Large)  
Dimming LED Driver**

CAT NO.	SPECIFICATIONS
DRVE24V48DW	48W, 24V DC (2A), Triac
DRVE24V60DW	60W, 24V DC (2.5A), Triac
DRVE24V96DW	96W, 24V DC (4A), Triac



**Dimmer  
with Built-in Driver**

CAT NO.	SPECIFICATIONS
DIMTP2	60W, 120V
DIMTP3	100W, 120V