EL ELCO Lighting

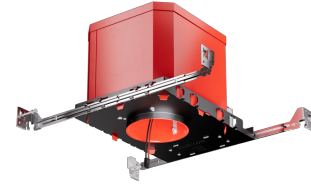Project name: _____

Fixture type: _____

Date: _____

24V DC 4″ New Construction 2-Hour Fire Rated IC Airtight Housing

24V DC 4″ fire-rated new construction LED housing. Compatible with 24V DC Koto Module. 2-hour fire rated.
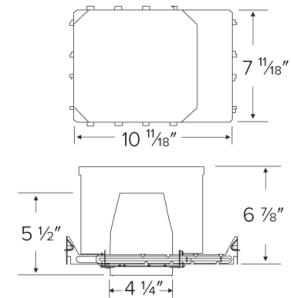
Features

- Only for use with <u>24V DC Koto Module</u>
- IC Airtight for direct contact with insulation.
- Simple installation with 24V Wire
- cUL Listed for 2-Hour Fire Resistance to meet and exceed strict fire safety codes.
- Integrated Non-combustible insulation acts as a sound barrier minimizing sound transfer between floors.
- Meets Title 24 Requirements. ENERGY STAR® Certified.
- STC/IIC Sound Rated
- Trims and module sold separately.
- 14W MAX.
- Heigh: 6 7/8″

Technical Details

Construction:

- Double wall IC rated for direct contact with insulation. For use in IC and 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 2x8 joists or taller are used.
- High strength hanger bars can easily be nailed to joists.
- Suitable for T-grid and drop ceiling applications.
- See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4" knockouts, Seven 1/2" trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 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 easily aligning the housings with the joists.

Listings: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through. Sound rated. STC Rating 50-55.
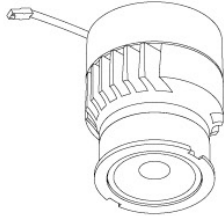
Specifications

Wattage	14W
Voltage	24V DC
Wet Location	UL Listed
Damp Location	UL Listed

Dimensions

7 11/18″
10 11/18″
5 1/2″
6 7/8″
4 1/4″

Product Numbers

Item	Watts	Voltage
E24V48FICA	14W	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	**-24** 24V DC
		30 3000K	

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   L57 White Hex Louver
L46 Linear Lens   L52 Blue Lens
L47 Spread Louver   L53 Pink Shifter
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

ELCO Lighting

4″ Pex™ Square Twist-On Trims

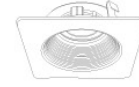Recommended to be used with Maximum Adjustability Housing

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

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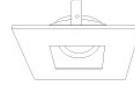
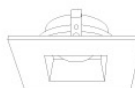**Adjustable Pinhole**
ELK4227
Finishes:
(B, BB, BZ)

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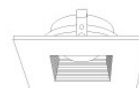ELK4293
Finishes:
(W, BB, B)

Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)

Adjustable Baffle
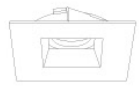ELK4284
Finishes:
(W)
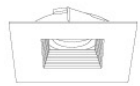
4″ Flexa™ Twist-On Trims

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 **4" 24V DC ICA New Construction Housings**

4" Pex™ Trimless   ·   *Only for use with E24V485ICA & E24V490AJICA*

**Round Spackle
Frame Only**
EL4SFR

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

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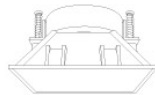**ELK415**
Finishes:
(W, B, BZ, H)

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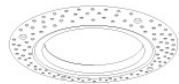
Round Flush Mount
EL4FMR
*For use with
ELK41 & Unique™ Trims*

Square Flush Mount
EL4FMS
*For use with
ELK42 Trims*

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
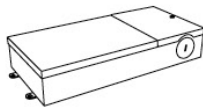
Electronic (Large)
Dimming LED Driver

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