ELCO Lighting

Project name:

Fixture type:

Date:

24V DC 6″ New Construction 2-Hour Fire Rated IC Airtight Housing

24V DC 6″ fire rated new construction LED housing. Compatible with 24V DC Koto Module

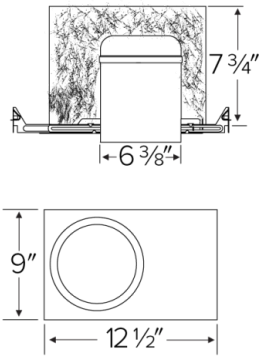
Features

- Only for use with 24V DC Koto Module
- 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.

Specifications

Wattage	22W
Voltage	24V DC
Damp Location	Listed

Dimensions



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.

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

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.

Product Numbers

Item	Watts	Voltage
E24V76FICA	22W	24V DC

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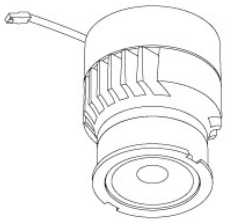
Compatible Products

For use with Dedicated **6" 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		

6" Twist-On Trims

Round Reflector

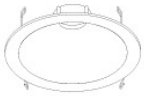
ELK610
Finishes:
(WW, BB, BZBZ, BW, CC, CW, CN, HW)

Adjustable Round Reflector

ELK629
Finishes:
(WW, BB, BZBZ, BW, CW, HW)

Adjustable Round Baffle

ELK693
Finishes:
(WW, BB, BZBZ, BW)



Round Deep Reflector

ELK6418
Finishes:
(W, BB, BZ, H)

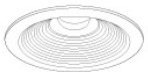
Adjustable Slot Aperture

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)

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Compatible Products

For use with Dedicated **6" 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

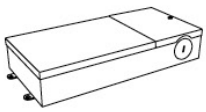
CAT NO.	SPECIFICATIONS
DRVU24V100WD	100W, 24V DC (4A), Triac/ELV/MLV

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

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