ELCO Lighting

Project name: _____

Fixture type: _____

Date: _____

24V DC 6″ New Construction Dedicated IC Airtight Housing

24V DC 6″ new construction dedicated LED housing. Compatible with 24V DC Koto Module
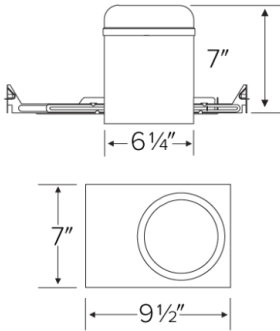
Features

- Only for use with 24V DC Koto Module
- IC Airtight for direct contact with insulation.
- Simple installation with 24V Wire
- Meets Title 24 Requirements. ENERGY STAR® Certified.
- Trims and module sold separately.

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 2x8 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: 24V DC.
- Inherently protected.

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

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 JA8-2022-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.

Specifications
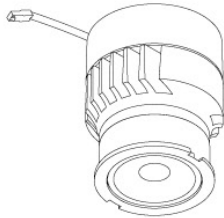
Wattage	24W MAXW
Voltage	24V DC
Damp Location	Listed

Dimensions

Product Numbers

Item	Watts	Voltage
E24V770ICA	24W MAX	24V DC

Compatible Products

EL ELCO Lighting

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)

Compatible Products

For use with Dedicated **6" 24V DC ICA New Construction Housings**

ELCO Lighting

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
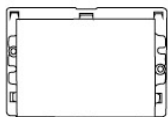
Lutron™ Hi-Lume 1%
LED Driver

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
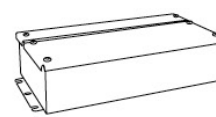
Universal (Small)
Dimming LED Driver

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
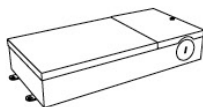
Electronic (Large)
Dimming LED Driver

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