

24V DC 3" New Construction Dedicated LED IC Airtight Housing



24V DC 3" new construction dedicated LED housing. Compatible with 24V DC Koto™ Module.

Features

- Only for use with [24V DC Koto Module](#)
- Single Wall IC Airtight Housing for use in insulated ceilings
- Flicker Free LED Dimming
- Simple installation with 24V Wire
- Trims and module sold separately

Specifications

Wattage	14W MAXW
Voltage	24V DC
Wet Location	Listed with Shower Trims
Damp Location	Listed

Dimensions



Technical Details

Lamp: Designed for use with ELCO 3" LED Koto inserts and 24V DC Koto LED module.

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 3 5/8". 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 True Nail 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.

Dimmability: Dimmability based on driver.

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/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 3 years.

Product Numbers

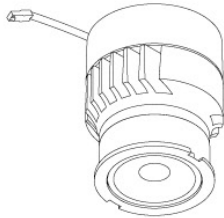
Item	Watts	Voltage
E24V390ICA	14W MAX	24V DC

Compatible Products

For use with Dedicated 3" 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
L46 Linear Lens
L47 Spread Louver
L49 Frosted Lens
L51 Color Shifter
L57 White Hex Louver
L52 Blue Lens
L53 Pink Shifter

3" Pex™ Twist-On Trims



Recommended to be
used with Maximum
Adjustability Housing



Round Deep Reflector

ELK3618

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



Round Adjustable Gimbal

ELK3629

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



Round Adjustable Pinhole

ELK3627

Finishes:
(B, BB, BZ)



Round Adjustable Baffle

ELK3693

Finishes:
(W)



Round Adj. Slot Aperture

ELK3620

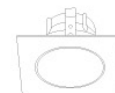
Finishes:
(W)



Round Adj. Wall Wash

ELK3622

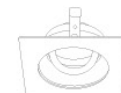
Finishes:
(W)



Square Deep Reflector

ELK3318

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



Square Adjustable Gimbal

ELK3329

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



Square Adjustable Pinhole

ELK3327

Finishes:
(B, BB, BZ)



Square Reflector

ELK3341

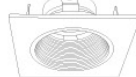
Finishes:
(W, B, BB, BZ)



Square Adj. Wall Wash

ELK3322

Finishes:
(W)



Square Adjustable Baffle

ELK3393

Finishes:
(W)

Compatible Products

For use with Dedicated 3" 24V DC ICA New Construction Housings



3" Pex™ Trimless • *Only for use with E24V386ICA*



Spackle Frame

EL3SFR



**Adjustable Trimless
Reflector**

ELK315

Finishes:

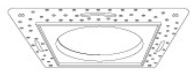
(W, B, H)

3" Flush Mount Trim Adaptors



Round Flush Mount

EL3FMR



Square Flush Mount

EL3FMS

Compatible Products

For use with Dedicated 3" 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



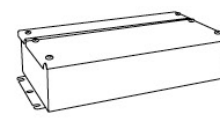
Lutron™ Hi-Lume 1%
LED Driver

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



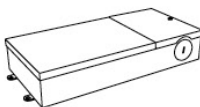
Universal (Large)
Dimming LED Driver

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