ELCO Lighting

Project Name:

Fixture Type:

Date:

12V AC RETROFIT KOTO™ LED MODULE

Module

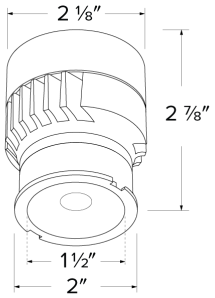
Works with 3″ and 4″ ELCO 12V AC Housings with 3" and 4" Koto™ Trims as a retrofit option



FEATURES

- 9W, 800 lm, 3000K
- Works with 3″ & 4″ MR16 Bi-Pin Low Voltage Housings & Koto Trims 2 ⅛″ O.D. - 2 ⅞″ H
- Integrated 12V AC Dimmable Driver
- Works with Electronic and Magnetic 12V AC transformers
- Works in 3″ and 4″ ELCO Low Voltage Housings with GU5.3 Base.
- 93+ CRI color rendering
- Standard 38° Lens installed, 25° and 60° lens included with each module - Optional Lens: 18° (EP731C)
- Optional: Louver (L45), Linear Lens (L46), Spread Lens (L47), Single Asymmetric Lens (L54), Double Asymmetric Lens (L55)
- Title 24 JA8-2025-E Compliant
- Meets Energy Star Requirements
- Covered by U.S. PATENTS and Patents Pending

DIMENSIONS



SPECIFICATIONS

Wattage	9W
Lumens	800 (9W) · 800 lm
Voltage	12V AC
Color temp.	2700K · 3000K · Sunset
Lamp type	LED
Beam angle	25°, 38°, 60°
CRI	90+

Item page
elcolighting.com/items/12v-ac-retrofit-koto-led-module
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ 12V AC Koto™ · 4″ 12V AC Koto™

PRODUCT NUMBER BUILDER

Specify **12V AC Retrofit Koto™ LED Module** item number (Select one) Example: **ELK0827-12** Your item number:

ITEM	LUMENS	CCT	VOLTAGE
ELK	**08** 800 (9W) 800 lm	**27** 2700K **30** 3000K **SD** Sunset[1]	**-12** 12V AC

[1] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

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TECHNICAL DETAILS

Optics: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.

Construction: Integrated 12V AC driver and light engine. Diecast aluminum body with heat fins allow for efficient cooling.

Installation: Twist-lock design for toolless trim installation. Works in 3″ and 4″ ELCO Low Voltage Housings with GU5.3 Base using 3" and 4" Koto™ Trims.

Electrical: Module connects to 12V AC power supply. High efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

LED Technology: Color Rendering Index of 90+. Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results. Thermal management by utilizing integrated heat sink. Instant On to Full Brightness technology. No LED pixelation.

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Dimmability: Dims down to 10%. For full list of dimmers, refer to the Dimmer Compatibility List.

Warranty: ELCO Products are built to last with a 5-year Limited Warranty.

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