

Architectural Recessed Lighting



The  
**Koto™**  
System

2" Aperture Koto™ Module / 3", 4" & 6" Twist-&-Lock Trims



 **ELCO Lighting**  
*The Best Choice in Lighting*



## The **Koto**™ LED Module with 3" & 4" Trims

The Koto™ System is the perfect high-end residential downlight system. The module has a 2" aperture with lumen outputs over 1000 lumens. The small face allows for glare free downlighting and adjustable options that match throughout a project. The module allows for interchanging lenses as well as adding filters like a louver. The quality driver built on top of the module allows for simple product maintenance and updates.

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# PREMIUM LED TECHNOLOGY...

in the palm of your hand!

The Koto™ module is easy to install, maintain and upgrade. The Koto™ LED module is designed around a 2" Aperture with premium LED COB technology. Its integrated driver and lens holder guarantees tool-free installation and upgrades.

Its simple but precisely designed lens holder allows for quick beam adjustments as well as secondary optics, such as louvers and linear lenses. The same part allows for tool-free trim installation with a simple twist and lock connection. With a CRI of over 95+ and a variety of color temperatures, the Koto™ module is a popular choice for any project.

- TITLE 24 COMPLIANT
- INTEGRATED LED
- 90+ CRI
- DIMMABLE
- WET LOCATION
- IC RATED
- 5 YEAR WARRANTY
- 50,000 HOURS

**DIMS TO WARM**  
SUNSET DIMMING TECHNOLOGY

# The same LED Module, tons of trim options

The Koto™ Twist-&-Lock makes installation a breeze. Utilizing the same connection mechanism across the Koto™ System, modules can easily be locked onto a plethora of trim options, and installed right into the housing. This allows for the same module to be used on downlight and adjustable trims as well as specialty trims.



## The LED Module you didn't know you've been waiting for is finally here!

The 120V quick connect Koto™ module can be installed into many different applications, and used with many different trims. With an integrated driver and a versatile lens holder, this module has redefined the meaning of easy installation and maintenance.

## Precise beam angle control

Using industry leading technology ELCO offers the Koto™ LED Module with standard 38° beam angle, with field changeable 15°, 18°, 28° and 60° lens options to give designers and architects choices when laying out a room, whether the downlight is spot lighting a breakfast table or lighting up a bedroom ELCO has the necessary beam angle options.



15°  
(Spot)



18°  
(Spot)



28°  
(Narrow Flood)



38°  
(Flood)



60°  
(Wide Flood)

# Koto™ LED Module

A compact and powerful LED lighting solution featuring a premium high-end light engine. Easy to install, maintain and upgrade, making it the perfect fit for any project.



TITLE 24 COMPLIANT

## INTEGRAL DRIVER

Rated for 120V input with Triac/ELV dimming or



DIMMABLE

Architectural Model with 120/277V input with 0-10V/Triac/ELV dimming



INTEGRATED LED

## LED

CRI 95+ with Chip on Board Technology, and tightly binned for color consistency



90+ CRI



## MODULE

The die-cast aluminum heat sink ensures complete advanced thermal management

## REFLECTORS

Precision parabolic reflectors to evenly distribute the light in a wide range of beam angles



## OPTICAL LENS

Evenly distributes the light in a wide range of beam angles

## SECONDARY OPTICS

Enables in-field installation of hex louvers, linear lenses, and spread lens



TWIST & LOCK

## TWIST-&-LOCK EDGE

Simple connection mechanism allows for smooth installation on all Koto™ trims



## LENS HOLDER

Provides effortless in-field lens and secondary optics customizability

US PATENT 10914465

# The Koto™ System

## Koto™ Module & Twist-&-Lock Trims

**IC RATED**

**AIRTIGHT**

**Swivel Hanger Bars**

**Quick Connect**

**Integral Driver for easy maintenance and upgrades**

**Twist-&-Lock System**

**Trims with Twist-&-Lock System**

**Die-Cast Aluminum Trims in a variety of shapes, colors and styles to match any room design**

**Includes: Standard 38° lens, field changeable 28° and 60° lenses**  
**Optional: 15° and 18° lens available**

**50K HRS**  
50,000 HOURS

**5YR**  
5 YEAR WARRANTY

**90+ CRI**

**IA8**  
TITLE 24 COMPLIANT

**DIMMABLE**

**INTEGRATED LED**

**WET LOCATION**

**Twist-&-Lock System for easy trim installation**

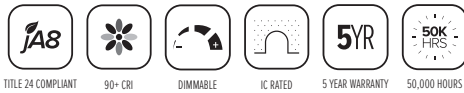
**US PATENT 10914465**  
Other Patents Pending

SIZES	STYLES	FINISHES	LUMENS	COLOR TEMPERATURE
3" 4" 6"	Round (Reflector, Baffle, Adjustable, Pinhole, Slot Aperture, and Wall Wash)  Square (Reflector, Adjustable, Pinhole, Slot Aperture, and Wall Wash)	White Black Bronze Nickel Haze Chrome	750 lm to 1500 lm	2700K - 4000K & Sunset

# Koto™ LED Module with Driver

Works with 3" and 4" Recessed Housings and Koto™ Trims

US PATENT 10914465



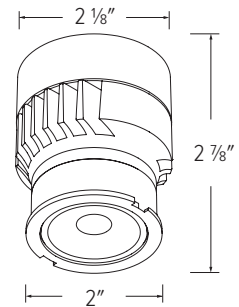
	750 lm (10W)	950 lm (10W)
2700K	ELK0727	ELK0927
3000K	ELK0730	ELK0930
3500K	ELK0735	ELK0935
4000K	ELK0740	ELK0940
Sunset		ELK09SD

(Sunset option dims from 3000K to 1800K)

## Koto™ LED Module

- Integral driver for easy maintenance and upgrades
- Includes: Standard 38° lens, with 28° and 60° lenses included.  
Optional: 15° and 18° lens available
- Works in 3" and 4" ELCO housings with Koto™ twist-&-lock trims
- Excellent color rendering 95+ CRI
- Sunset option dims from 3000K to 1800K
- ENERGY STAR Certified
- Title 24 JA8 2016 Registered
- Life span of 50,000 hours L70

<b>Input Power</b>	10W
<b>Input Voltage</b>	120V
<b>Lumens</b>	750 - 950
<b>Color Temp.</b>	2700K - 4000K, Sunset
<b>CRI</b>	95+
<b>Damp Location</b>	UL listed
<b>Wet Location</b>	UL listed with Wet Trims
<b>Dimmable</b>	Triac/ELV
<b>Beam Angle</b>	38° (Standard), 28° & 60° Optional: 15° & 18° available



Product Number Builder	Koto™ LED Module	Lumens	Color Temperature	Beam Angle
		<b>ELK</b>	<b>07</b> 750 <b>09</b> 950	<b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>SD</b> Sunset

Example: **ELK0935** [ Koto™ LED Module, 950 lms, 3500K, 38° Beam Angle ]

## Field Changeable Accessories



### Field Changeable Lens

**EP731C** 18° Lens  
**EP732C** 28° Lens  
**EP733C** 38° Lens  
**EP734C** 60° Lens



### Field Changeable Reflectors

**EP735C** 15°  
**EP736C** 25°  
**EP737C** 38°  
**EP738C** 60°



### Field Changeable Hex Louver

**L45**  
 For a better glare shield



### Field Changeable Linear Lens

**L46**  
 For a wide rectangular illumination pattern



### Field Changeable Spread Lens

**L47**  
 For a symmetrical broadening of light beams



# IC Airtight Housings for **Koto™** LED Module

Koto™ Module is compatible with: New Construction Housings and Remodel Housings



Maximum Adjustability  
ICA Housing (5 1/2" Height)



**EL386ICA**  
New Construction

Standard ICA Housings  
(5 1/2" Height)

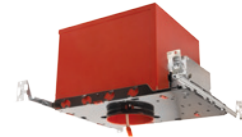


**EL390ICA**  
New Construction

**EL390RICA**  
Remodel

**EL390ICA-EM5**  
New Construction with Emergency  
Battery Back-Up (90 minutes)

2-Hour Fire Rated ICA Housing  
(7 3/4" Height - Sound Rated)



**EL39FICA**  
New Construction

3" ICA Housings



Maximum Adjustability  
ICA Housing (5 1/2" Height)



**EL485ICA**  
New Construction

Standard ICA Housing  
(5 1/2" Height)



**EL490ICA**  
New Construction

**EL490RICA**  
Remodel

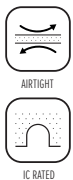
**EL490ICA-EM5**  
New Construction with Emergency  
Battery Back-Up (90 minutes)

2-Hour Fire Rated ICA Housing  
(6 7/8" Height - Sound Rated)



**EL48FICA**  
New Construction

4" ICA Housings



Standard ICA Housing  
(7 1/2" Height)



**EL770ICA**  
New Construction

**EL770RICA**  
Remodel

Shallow ICA Housing  
(5 1/2" Height)



**EL760ICA**  
New Construction

**EL760RICA**  
Remodel

2-Hour Fire Rated ICA Housing  
(6 1/4" Height - Sound Rated)



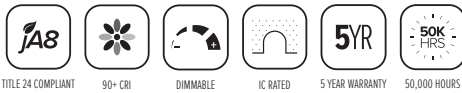
**EL76FICA**  
New Construction

6" ICA Housings

# Koto™ Architectural LED Light Engine

Works with 3" and 4" Koto™ Architectural Recessed Housings and Koto™ Trims

US PATENT 10914465

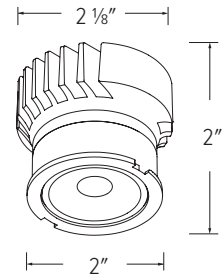


	Up to 850 lm	Up to 1500 lm
<b>2700K</b>	ELK1927D	ELK2127D
<b>3000K</b>	ELK1930D	ELK2130D
<b>3500K</b>	ELK1935D	ELK2135D
<b>4000K</b>	ELK1940D	ELK2140D
<b>Sunset</b>	ELK19SDD	
(Sunset option dims from 3000K to 1800K)		

## Koto™ LED Light Engine

- Light engine used with Koto™ Architectural Housings for 0-10V/Triac/ELV Dimming, 120V or 120/277V Applications and/or Emergency Backup options
- Driver on housing extends lifespan and allows for more dimming options and applications
- Includes: Standard 38° lens, with 28° and 60° lenses included. Optional: 15° and 18° lens available
- Works in 3" and 4" ELCO housings with Koto™ twist-&-lock trims
- Excellent color rendering 95+ CRI
- Sunset option dims from 3000K to 1800K
- ENERGY STAR Certified
- Title 24 JA8 2016 Registered
- Life span of 50,000 hours L70

<b>Input Power</b>	11W - 18W
<b>Lumens</b>	750 - 1500
<b>Color Temp.</b>	2700K - 4000K, Sunset
<b>CRI</b>	95+
<b>Damp Location</b>	UL listed
<b>Wet Location</b>	UL listed with Wet Trims
<b>Beam Angle</b>	38° (Standard), 28° & 60° Optional: 15° & 18° available



Product Number Builder	Koto™ LED Light Engine		Lumens		Color Temperature		Beam Angle		
	ELK		19	21	27D	30D	35D	40D	SDD
			750-850	1100-1500	2700K	3000K	3500K	4000K	Sunset (ELK19 Only)
					(Blank)	-S	-N	-W	
					38° lens	18° lens	28° lens	60° lens	

Example: **ELK19SDD** [ Koto™ LED Light Engine, 850 lms, Sunset, 38° Beam Angle ]

## Field Changeable Accessories



### Field Changeable Lens

**EP731C** 18° Lens  
**EP732C** 28° Lens  
**EP733C** 38° Lens  
**EP734C** 60° Lens



### Field Changeable Reflectors

**EP735C** 15°  
**EP736C** 25°  
**EP737C** 38°  
**EP738C** 60°



### Field Changeable Hex Louver

**L45**  
 For a better glare shield



### Field Changeable Linear Lens

**L46**  
 For a wide rectangular illumination pattern



### Field Changeable Spread Lens

**L47**  
 For a symmetrical broadening of light beams

# Koto™ Architectural Recessed Housings

Must be used with Koto™ Architectural LED Light Engines (ELK19 or ELK21 Series). Lumen output based on module



**Shallow Maximum Adjustability ICA Housing**  
 (4" Height - Easy-to-Remove Driver)  
 850 lm (14.7W) with ELK19 Series Module  
 1100 lm (14.7W) with ELK21 Series Module



**E3LK76ICA**  
 120V - Triac/ELV

**E3LK77ICAD**  
 120/277V - 0-10V/Triac/ELV

**High Lumen ICA Housing**  
 (5 1/2" Height - Easy-to-Remove Driver)  
 1500 lm (18.9W) with ELK21 Series Module  
 Not compatible with ELK19 Series Module



**E3LK85ICAD**  
 120/277V - 0-10V/Triac/ELV

**Standard ICA Housings**  
 (5 1/2" Height)

750 lm (10.5W) with ELK19 Series Module  
 950 lm (10.5W) with ELK21 Series Module



**E3LK65ICA**  
 120V - Triac/ELV

**E3LK65ICA-EM1**  
 New Construction with Emergency  
 Battery Back-Up (90 minutes)

**E3LK66ICAD**  
 120/277V - 0-10V/Triac/ELV

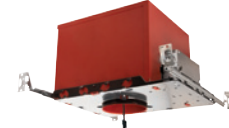
**E3LK66ICAD-EM1**  
 New Construction with Emergency  
 Battery Back-Up (90 minutes)  
 New Construction



**E3LK65RICA**  
 120V - Triac/ELV  
 Remodel

**2-Hour Fire Rated ICA Housings**

(7 1/2" Height - Sound Rated)  
 750 lm (10.5W) with ELK19 Series Module  
 950 lm (10.5W) with ELK21 Series Module



**ELK72FICA**  
 120V - Triac/ELV

**ELK73FICAD**  
 120/277V - 0-10V/Triac/ELV  
 New Construction

3" ICA Housings (120/277V 0-10V/Triac/ELV or 120V Triac/ELV)



**Shallow Maximum Adjustability ICA Housing**  
 (4" Height - Easy-to-Remove Driver)  
 850 lm (14.7W) with ELK19 Series Module  
 1100 lm (14.7W) with ELK21 Series Module



**E4LK98ICA**  
 120V - Triac/ELV

**E4LK99ICAD**  
 120/277V - 0-10V/Triac/ELV

**High Lumen ICA Housing**  
 (5 1/2" Height - Easy-to-Remove Driver)  
 1500 lm (18.9W) with ELK21 Series Module  
 Not compatible with ELK19 Series Module



**E4LK79ICAD**  
 120/277V - 0-10V/Triac/ELV

**Standard ICA Housings**  
 (5 1/2" Height)

750 lm (11.8W) with ELK19 Series  
 950 lm (11.8W) with ELK21 Series



**E4LK87ICA**  
 120V - Triac/ELV

**E4LK87ICA-EM1**  
 New Construction with Emergency  
 Battery Back-Up (90 minutes)

**E4LK88ICAD**  
 120/277V - 0-10V/Triac/ELV

**E4LK88ICAD-EM1**  
 New Construction with Emergency  
 Battery Back-Up (90 minutes)  
 New Construction

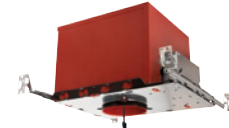


**E4LK87RICA**  
 120V - Triac/ELV

**E4LK88RICAD**  
 120/277V  
 0-10V/Triac/ELV  
 Remodel

**2-Hour Fire Rated ICA Housings**

(7 1/2" Height - Sound Rated)  
 750 lm (11.8W) with ELK19 Series  
 950 lm (11.8W) with ELK21 Series



**ELK93FICA**  
 120V - Triac/ELV

**ELK94FICAD**  
 120/277V - 0-10V/Triac/ELV  
 New Construction

4" ICA Housings (120/277V 0-10V/Triac/ELV or 120V Triac/ELV)

# The Koto™ System Trims



## Small aperture, Big light!

The elegant and sophisticated Koto™ System trims are a must have to any room design for a glamorous and modern touch.

The 1½" inner diameter aperture is a designer's dream with a wide variety of finishes and optical options.

The deep finish delivers a smooth and abundant light distribution with minimal glare.



## Fully adjustable, ideal for directional and accent lighting

The Koto™ Adjustable Gimbal Trims are available in round and square shapes and different color finishes. The full adjustability of a 35° tilt and a 358° rotation makes these trims the perfect solution for designers and architects when designing a sophisticated and upscale space.



# Meet the Koto™ System Trims

We offer a wide selection of trims, finishes, and shapes. Whether you need a trim that blends seamlessly, or you want to provide an eye-catching contrast we have the perfect trim for your project. All Koto™ System trims feature Twist-&-Lock System making them easy to install or change.



## 3" & 4" Pex™ Trims

Pex™ Trims are sleek and modern trims that will blend in with modern design spaces. Offered in round and square, in a variety of color finishes and styles that will provide an eye-catching contrast.



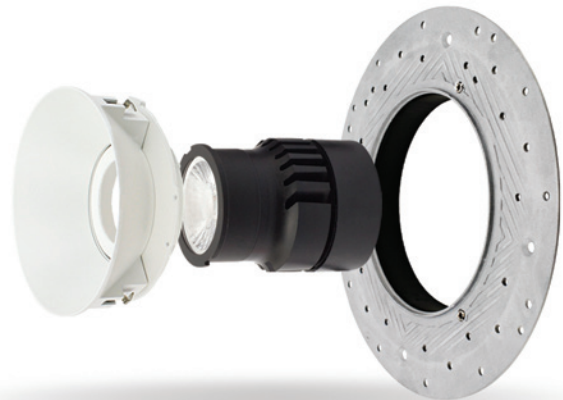
## 4" & 6" Flexa™ Trims

Flexa™ Trims offer maximum flexibility as a deep set trim. With mix & match options to create any color combination, the trims are available in 4" round or square.



## 6" Unique™ Trims

Unique™ Trims are a single piece diecast unit. These sturdy, simple and clean looking trims will match any room design. Offered in round and square, in a variety of color finishes that will make them blend in seamlessly.



## 4" Pex™ Trimless

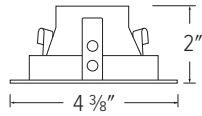
A favorite in high-end residential, commercial spaces, as well as architectural spaces. Designed to seamlessly make the trim ring invisible showing only the reflector and lens, it slides in and out of a finish ceiling without the aid of any tools. Includes a well engineered thin spackle frame for a easy mudding and lasting quality.

# 3" Pex™ Round Trims

Precision die-cast trims with twist-&-lock system for easy Koto™ Module installation

## Pex™ 3" Deep Reflector

- Wet location listed
- 4 3/8" O.D.



**ELK3618W**

All White

**ELK3618BB**

All Black

**ELK3618BZ**

All Bronze



**ELK3618B**

Black Reflector  
White Ring

**ELK3618C**

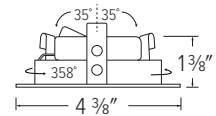
Chrome Reflector  
White Ring

**ELK3618H**

Haze Reflector  
White Ring

## Pex™ 3" Adjustable Gimbal

- 35° adjustability, 358° rotation
- 4 3/8" O.D.



**ELK3629W**

All White

**ELK3629BB**

All Black

**ELK3629BZ**

All Bronze



**ELK3629B**

Black Reflector  
White Ring

**ELK3629C**

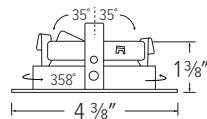
Chrome Reflector  
White Ring

**ELK3629H**

Haze Reflector  
White Ring

## Pex™ 3" Adjustable Pinhole

- 35° adjustability, 358° rotation
- 4 3/8" O.D.



**ELK3627B**

Black Reflector  
White Ring

**ELK3627BB**

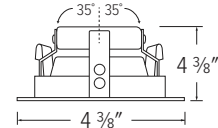
All Black

**ELK3627BZ**

All Bronze

## Pex™ 3" Adjustable Baffle

- 35° adjustability
- 4 3/8" O.D.

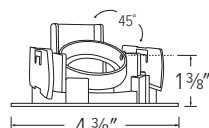


**ELK3693W**

All White

## Pex™ 3" Adjustable Slot Aperture

- 45° adjustability
- 4 3/8" O.D.



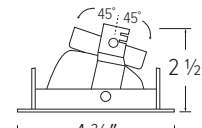
**ELK3620W**

White Ring

Recommended to be used with Maximum Adjustability Housing

## Pex™ 3" Adjustable Reflector Wall Wash

- 45° adjustability
- 4 3/8" O.D.



**ELK3622W**

All White

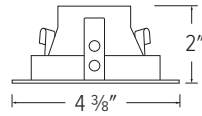
Recommended to be used with Maximum Adjustability Housing

# 3" Pex™ Square Trims

Precision die-cast trims with twist-&-lock system for easy Koto™ Module installation

## Pex™ 3" Deep Reflector

- Wet location listed
- 4 3/8" O.D.



**ELK3318W**  
All White

**ELK3318BB**  
All Black

**ELK3318BZ**  
All Bronze



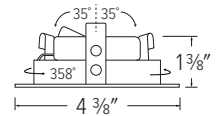
**ELK3318B**  
Black Reflector  
White Ring

**ELK3318C**  
Chrome Reflector  
White Ring

**ELK3318H**  
Haze Reflector  
White Ring

## Pex™ 3" Adjustable Gimbal

- 35° adjustability, 358° rotation
- 4 3/8" O.D.



**ELK3329W**  
All White

**ELK3329BB**  
All Black

**ELK3329BZ**  
All Bronze



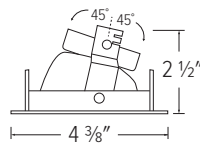
**ELK3329B**  
Black Reflector  
White Ring

**ELK3329C**  
Chrome Reflector  
White Ring

**ELK3329H**  
Haze Reflector  
White Ring

## Pex™ 3" Adjustable Reflector Wall Wash

- 45° adjustability
- 4 3/8" Sq.

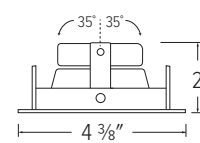


**ELK3322W**  
All White

Recommended to be used with Maximum Adjustability Housing

## Pex™ 3" Adjustable Baffle

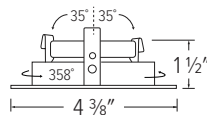
- 35° adjustability
- 4 3/8" Sq.



**ELK3393W**  
All White

## Pex™ 3" Adjustable Pinhole

- 35° adjustability, 358° rotation
- 4 3/8" Sq.



**ELK3327B**  
Black Reflector  
White Ring

**ELK3327BB**  
All Black

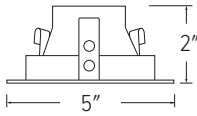
**ELK3327BZ**  
All Bronze

# 4" Pex™ Round Trims

Precision die-cast trims with twist-&-lock system for easy Koto™ Module installation

## Pex™ 4" Reflector

- Wet location listed
- 5" O.D.



**ELK4118W**  
All White

**ELK4118BB**  
All Black

**ELK4118BZ**  
All Bronze



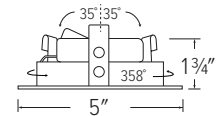
**ELK4118B**  
Black Reflector  
White Ring

**ELK4118C**  
Chrome Reflector  
White Ring

**ELK4118H**  
Haze Reflector  
White Ring

## Pex™ 4" Adjustable Gimbal

- 35° adjustability, 358° rotation
- 5" O.D.



**ELK4129W**  
All White

**ELK4129BB**  
All Black

**ELK4129BZ**  
All Bronze



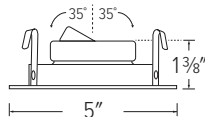
**ELK4129B**  
Black Reflector  
White Ring

**ELK4129C**  
Chrome Reflector  
White Ring

**ELK4129H**  
Haze Reflector  
White Ring

## Pex™ 4" Adjustable Pinhole

- 35° adjustability
- 5" O.D.



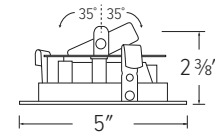
**ELK4127B**  
Black Reflector/White Ring

**ELK4127BB**  
All Black

**ELK4127BZ**  
All Bronze

## Pex™ 4" Adjustable Baffle

- 35° adjustability
- 5" O.D.



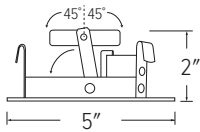
**ELK4193W**  
All White

**ELK4193BB**  
All Black

**ELK4193B**  
Black Baffle/White Ring

## Pex™ 4" Slot Aperture

- 45° adjustability
- 5" O.D.

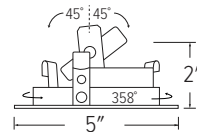


**ELK4130W**  
White Ring

Recommended to be used with Maximum Adjustability Housing

## Pex™ 4" Rotatable Slot Aperture

- 45° adjustability, 358° rotation
- 5" O.D.

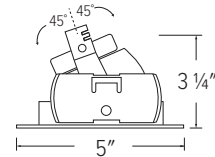


**ELK4120W**  
White Ring

Recommended to be used with Maximum Adjustability Housing

## Pex™ 4" Adjustable Wall Wash

- 45° adjustability
- 5" O.D.



**ELK4122W**  
All White

Recommended to be used with Maximum Adjustability Housing

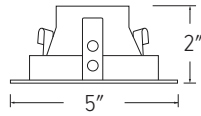


# 4" Pex™ Square Trims

Precision die-cast trims with twist-&-lock system for easy Koto™ Module installation

## Pex™ 4" Reflector

- Wet location listed
- 5" Sq.



**ELK4218W**  
All White

**ELK4218BB**  
All Black

**ELK4218BZ**  
All Bronze



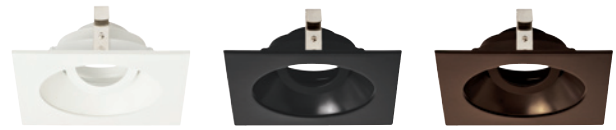
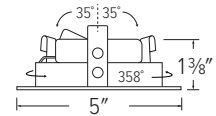
**ELK4218B**  
Black Reflector  
White Ring

**ELK4218C**  
Chrome Reflector  
White Ring

**ELK4218H**  
Haze Reflector  
White Ring

## Pex™ 4" Adjustable Gimbal

- 35° adjustability, 358° rotation
- 5" Sq.



**ELK4229W**  
All White

**ELK4229BB**  
All Black

**ELK4229BZ**  
All Bronze



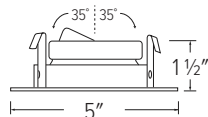
**ELK4229B**  
Black Reflector  
White Ring

**ELK4229C**  
Chrome Reflector  
White Ring

**ELK4229H**  
Haze Reflector  
White Ring

## Pex™ 4" Adjustable Pinhole

- 35° adjustability, 358° rotation
- 5" Sq.



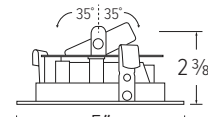
**ELK4227B**  
Black Reflector/White Ring

**ELK4227BB**  
All Black

**ELK4227BZ**  
All Bronze

## Pex™ 4" Adjustable Phenolic Baffle

- 35° adjustability
- 5" Sq.



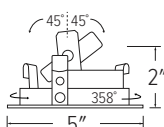
**ELK4293W**  
All White

**ELK4293BB**  
All Black

**ELK4293B**  
Black Baffle/White Ring

## Pex™ 4" Adjustable Slot Rotatable Aperture

- 45° adjustability, 358° rotation
- 5" Sq.

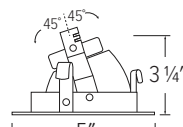


**ELK4220W**  
White

Recommended to be used with Maximum Adjustability Housing

## Pex™ 4" Square Adjustable Wall Wash

- 45° adjustability
- 5" Sq.

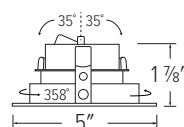


**ELK4222W**  
All White

Recommended to be used with Maximum Adjustability Housing

## Pex™ 4" Square Adjustable Reflector

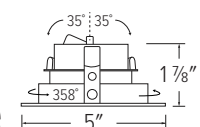
- 35° adjustability, 358° rotation
- 5" Sq.



**ELK4282W**  
All White

## Pex™ 4" Square Adjustable Baffle

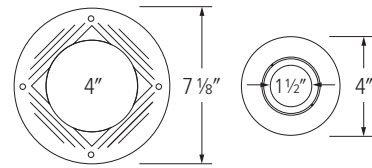
- 35° adjustability, 358° rotation
- 5" Sq.




**ELK4284W**  
All White

# Pex™ 4" Adjustable Trimless


Diecast trims with twist-&-lock system for easy tool-free installation



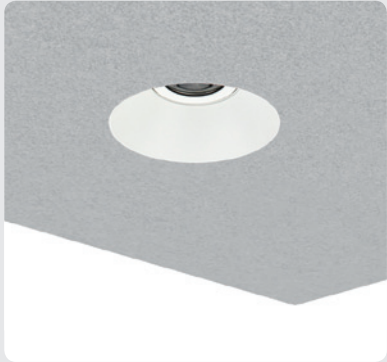
A favorite in high-end residential as well as architectural spaces. Designed to seamlessly make the trim ring invisible showing only the reflector and lens, it slides in and out of a finished ceiling without the aid of any tools. Includes a well engineered extra thin spackle frame for a easy mudding and lasting quality.



**Mount Spackle Frame**  
Includes a well engineered extra thin spackle frame for a easy mudding and lasting quality



**Install Koto™ Trim**  
Trim slides in and out of a finish ceiling without the aid of any tools



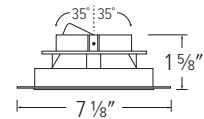
**Koto™ Trimless Design**  
Designed to seamlessly make the trim ring invisible showing only the reflector and lens

Trimless must be used with Maximum adjustability housing. To use trimless with E4LK87, E4LK88, E4LK93F and E4LK94F series housings access from above is required.



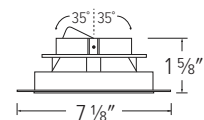
## Pex™ 4" Trimless Smooth Reflector Trims

- Spackle frame included
- 35° Adjustability



## Pex™ 4" Trimless Baffle Trims

- Spackle frame included
- 35° Adjustability

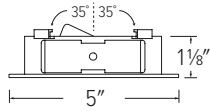


# 4" Flexa™ Trims for Koto™ Module

Trim style matches E.L.L. System Flexa™. Mix-and match any ring finish with any reflector or baffle finish

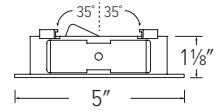
## Flexa™ 4" Round Reflector

- 35° Adjustability
- 5" O.D. - 3 1/8" I.D.



## Flexa™ 4" Round Baffle

- 35° Adjustability
- 5" O.D. - 3 1/8" I.D.



**ELK4721WW**  
All White



**ELK4721BB**  
All Black



**ELK4721BZBZ**  
All Bronze



**ELK4721BW**  
Black Reflector/White Ring



**ELK4723WW**  
All White



**ELK4723BB**  
All Black



**ELK4721CC**  
All Chrome



**ELK4721CW**  
Chrome Reflector/White Ring



**ELK4721HW**  
Haze Reflector/White Ring



**ELK4721CN**  
Chrome Reflector/Nickel Ring



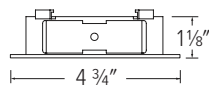
**ELK4723BZBZ**  
All Bronze



**ELK4723BW**  
Black Baffle/White Ring

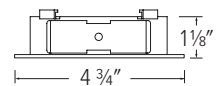
## Flexa™ 4" Square Reflector

- 4 3/4 Sq. - 2 3/8 Sq.



## Flexa™ 4" Square Baffle

- 4 3/4 Sq. - 2 3/8 Sq.



**ELK4741WW**  
All White



**ELK4741BB**  
All Black



**ELK4741BZBZ**  
All Bronze



**ELK4743WW**  
All White



**ELK4743BB**  
All Black



**ELK4741BW**  
Black Reflector/White Ring



**ELK4741HW**  
Haze Reflector/White Ring



**ELK4743BZBZ**  
All Bronze



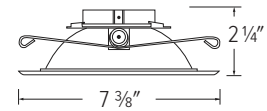
**ELK4743BW**  
Black Baffle/White Ring

**Product  
Number  
Builder**

4" Flexa™ Trim	Style	Style Finish	Ring Finish
<b>ELK472</b> Round	<b>1</b> Reflector	<b>W</b> White	<b>W</b> White
<b>ELK474</b> Square	<b>3</b> Baffle	<b>B</b> Black	<b>B</b> Black
		<b>BZ</b> Bronze	<b>BZ</b> Bronze
		<b>C</b> Chrome (Reflector only)	<b>N</b> Nickel (Round only)
		<b>H</b> Haze (Reflector only)	

Example: **ELK4721CB** [ 4" Round Flexa™ Trim, Reflector, Chrome Reflector, Black Ring ]

# 6" Flexa™ Trims for Koto™ Module



Trim style matches E.L.L. System Flexa™. Mix-and match any ring finish with any reflector or baffle finish

## Flexa™ 6" Round Reflector

• 7 3/8" O.D.



**ELK610WW**  
All White



**ELK610BB**  
All Black



**ELK610BZBZ**  
All Bronze



**ELK610BW**  
Black Reflector/White Ring



**ELK610CC**  
All Chrome



**ELK610CW**  
Chrome Reflector/White Ring



**ELK610CN**  
Chrome Reflector/Nickel Ring

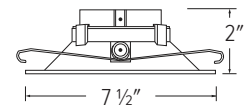


**ELK610HW**  
Haze Reflector/White Ring

	6" Flexa™ Trim	Reflector Finish	Ring Finish
<b>Product Number Builder</b>	<b>ELK610</b> Round	<b>W</b> White <b>B</b> Black <b>BZ</b> Bronze <b>C</b> Chrome <b>H</b> Haze	<b>W</b> White <b>B</b> Black <b>BZ</b> Bronze <b>C</b> Chrome <b>N</b> Nickel

Example: **ELK610BN** [ 6" Round Flexa™ Reflector Trim, Black Reflector, Nickel Ring ]

# 6" Unique™ Trims for Koto™ Module



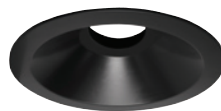
One piece diecast trims with twist-&-lock system for easy installation

## Unique™ 6" Round Reflector

• 7 1/2" O.D.



**ELK6710W**  
All White



**ELK6710B**  
All Black



**ELK6710BZ**  
All Bronze

## Unique™ 6" Round Baffle

• 7 1/2" O.D.



**ELK6713W**  
All White



**ELK6713BZ**  
All Bronze

# Accessories

## Secondary Optics



**Field Changeable  
Hex Louver**

**L45**

For a better glare shield. 1 3/4" O.D.



**Field Changeable  
Linear Lens**

**L46**

Provides a wide rectangular illumination pattern. 1 3/4" O.D.



**Field Changeable  
Spread Lens**

**L47**

Provides a symmetrical broadening of light beams. 1 3/4" O.D.



## Lens



**Field Changeable Lens**

- EP731C** (18°)
- EP732C** (28°)
- EP733C** (38°)
- EP734C** (60°)

## Reflectors



**Field Changeable Reflectors**

- EP735C** (15°)
- EP736C** (25°)
- EP737C** (38°)
- EP738C** (60°)

## Socket Adapters



**Hard Wire Adapter**

**PSA38**

Hard wire adapter to male Quick Connect terminal



**Rewiring Kit**

**PSA38-22**

Rewiring kit to male Quick Connect terminal. Easily change Low Voltage or Medium Base Housings to work with ELK07 & ELK09 Series Modules.

## Emergency Battery Backups



**8W Emergency Battery Backup (Single Whip)**

**KEM-LD1**

8W, Up to 750 lm Emergency output, 90 minutes of emergency light, 120V/277V, 60Hz.

**12W Emergency Battery Backup (Single Whip)**

**KEM-LD2**

12W, Up to 1100 lm Emergency output, 90 minutes of emergency light, 120V/277V, 60Hz.



**8W Emergency Battery Backup (Double Whip)**

**KEM-LD3**

8W, Up to 750 lm Emergency output, 90 minutes of emergency light, 120V/277V, 60Hz.

**12W Emergency Battery Backup (Double Whip)**

**KEM-LD4**

12W, Up to 1100 lm Emergency output, 90 minutes of emergency light, 120V/277V, 60Hz.

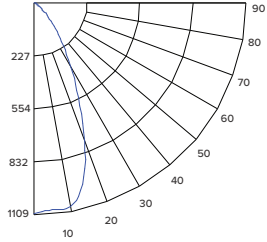
# Photometric Report

## Koto™ LED Module

Multiplier: 3000K (x1.04), 3500K (x1.08), 4000K (x1.12)

### PHOTOMETRIC REPORT

Product #: ELK0727  
 Wattage / Lumens: 10W / 750 lm  
 Luminaire LPW: 75 lm/W



### CANDLE POWER SUMMARY

Degree Vertical	0°
0	1102
5	1053
15	797
25	394
35	184
45	62
55	19
65	9
75	4
85	1
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	68.9	3.2'
6'	30.6	4.7'
8'	17.2	6.3'
10'	11.07	7.9'

### ZONAL LUMEN SUMMARY

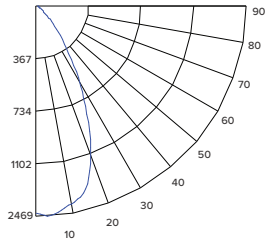
Zone	Lumens	%Luminaire
0-30°	541.53	72.20
0-40°	664.18	88.60
0-60°	733.75	97.80
0-90°	745.46	99.40

## Koto™ LED Module

Multiplier: 3000K (x1.04), 3500K (x1.08), 4000K (x1.12)

### PHOTOMETRIC REPORT

Product #: ELK0927  
 Wattage / Lumens: 10W / 950 lm  
 Luminaire LPW: 95 lm/W



### CANDLE POWER SUMMARY

Degree Vertical	0°
0	1447
5	1419
15	1223
25	704
35	292
45	100
55	27
65	14
75	7
85	2
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	90.4	3.3'
6'	40.2	4.9'
8'	22.6	6.5'
10'	14.5	8.1'

### ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	698.72	73.50
0-40°	844.60	88.90
0-60°	926.22	97.50
0-90°	944.65	99.40

The **Quality** Choice



The **Leading** Choice



The **Timely** Choice



The **Contractor's** Choice



The **Trusted** Choice

Over two and a half decades ago, in the heart of Los Angeles, ELCO Lighting was founded on the philosophy that high quality lighting products should be sold at a fair market price. Our commitment to this philosophy and dedication to exceptional customer service serve as the very soul of our company. We take pride in our perpetual commitment to such standards that enable

us to continually prosper in a highly competitive and unpredictable industry. With our expanding LED product line that entails recessed, track, undercabinet, outdoor and emergency lighting, we are ready to fulfill a variety of lighting demands. Quality engineering, fair market value, professional customer service, and micro-managed inventory are the cornerstones of ELCO Lighting.

ELCAT1060\_A



## **EL** ELCO Lighting

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