

Architectural Recessed Lighting



CANLESS **Koto**[™] System

Canless Koto[™] Module with
2", 3", 4" & 6" Twist-On Trims

 **ELCO Lighting**
The Best Choice in Lighting



The Canless Koto™ LED Module

As new structures are being designed with smaller plenum spaces between floors, there is a growing need for smaller lighting fixtures to accommodate the trend. The Canless Koto™ System is the perfect high-end residential downlight solution for these applications. Engineered to be as shallow as possible, the Canless Koto™ LED Module produces over 950 lumens through its sleek 2" aperture. The small face allows for glare-free downlighting, with adjustable options to match throughout an entire project. The module also allows for interchangeable lenses, filters and louvers.

Canless Koto™ LED Module
with Pex™ 4" Round
Deep Reflector Trim



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Canless Koto™ LED Modules and Housings

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The LED Module you've been waiting is here!

The Canless Koto™ Module with push-&-twist connector can be installed into new construction or remodel applications to produce clean, quality downlighting on any job

The same LED Module, multiple trim options

The Canless Koto™ Twist-On makes installation a breeze. Utilizing the same connection mechanism across the entire Koto™ System, modules can be easily locked onto a plethora of different trims. This allows the same module to be used on straight downlight, adjustable and specialty trims.



Precise beam angle control

ELCO Lighting's industry-leading technology offers the Canless Koto™ LED Module with a standard 38° beam angle, with field changeable 18°, 28° and 60° lens options. This gives lighting designers and architects total flexibility when laying out a room, whether they're spot-lighting a breakfast table or illuminating a custom living room.



18°
(Spot)



28°
(Narrow Flood)



38°
(Flood)



60°
(Wide Flood)



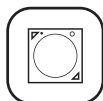
A solution
for every
application!

PREMIUM LED TECHNOLOGY... in the palm of your hand!

The **Canless Koto™ LED Module** is designed
to be installed without a recessed housing.

Designed around a 2" aperture with premium LED chip-on-board technology, the Canless Koto™ System adds versatility by allowing adjustment of beam angle and accommodating secondary accessories such as louvers, diffusers, color shifters, linear lenses and snoots.

The same LED module allows for tool-free trim installation with a simple twist-on mechanism. With a CRI of over 95, the Canless Koto™ LED Module is available in various color temperatures, making it a popular choice for any project.



INTEGRATED LED



TITLE 24 COMPLIANT



DIMMABLE



90+ CRI



WET LOCATION



IC RATED



50,000 HOURS



5 YEAR WARRANTY



TWIST-ON

Canless 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.



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



PUSH-&-TWIST CONNECTOR
For for easy module installation to power pack

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

REFLECTORS
Precision parabolic reflectors to evenly distributes 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 louver, linear lens, spread lens, frosted diffuser, color shifte, and black or white snoot



TWIST-ON EDGE
Simple connection mechanism allows for smooth installation on all Koto™ trims



LENS HOLDER
Provides effortless in-field lens and secondary optics customizability



Covered by U.S. PATENTS and Patents Pending


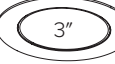



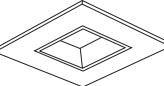
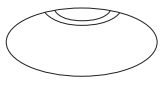



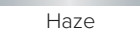
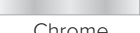
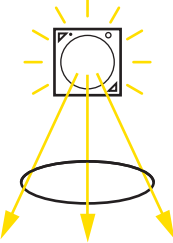

The Koto™ System

Canless Koto™ LED Module

DESIGNED TO BE INSTALLED WITHOUT A RECESSED HOUSING!



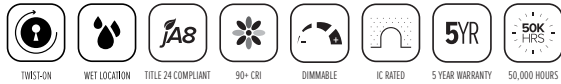
-  
TITLE 24 COMPLIANT DIMMABLE
-  
INTEGRATED LED WET LOCATION
-  
90+ CRI IC RATED
-  
50,000 HOURS 5 YEAR WARRANTY

SIZES	STYLES	FINISHES	LUMENS	COLOR TEMPERATURE
   	 Round (Reflector, Baffle, Adjustable, Pinhole, Slot Aperture, and Wall Wash)  Square (Reflector, Adjustable, Pinhole, Slot Aperture, and Wall Wash)  Trimless (Round and Square)	 White  Black  Bronze  Haze  Chrome	 Up to 950 lm	 2700K - 4000K & Sunset

Covered by U.S. PATENTS and Patents Pending

Canless Koto™ LED Module

Works with 2", 3", 4" and 6" Koto™ New Construction Frames or Remodel Power Pack and Koto™ Twist-On Trims



Up to 950 lm					
2700K	3000K	3500K	4000K	Sunset	Human Centric
EKCL2127D	EKCL2130D	EKCL2135D	EKCL2140D	EKCL21SDD ¹	EKCL21HCD ²

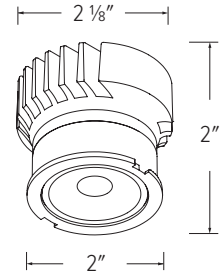
¹ Sunset option dims from 3000K to 1800K

² Human Centric option dims from 4000K to 2200K

Canless Koto™ LED Module

- IC Rated for direct contact with insulation
- Canless Module works with Koto™ Frames or Power Packs 120V (Triac/ELV), or 120/277V (0-10V/Triac/ELV) Applications and/or Emergency Backup options
- Works in 2", 3", 4" and 6" Canless Koto™ twist-on trims
- Push-&-Twist connector on module for easy installation
- Standard 38° lens installed, with 28° and 60° lenses included with each module. Optional Lens: 18° (EP731C)
- Excellent color rendering 95+ CRI
- Offered in 2700K, 3000K, 3500K, 4000K & Sunset Dimming
- Sunset option dims from 3000K to 1800K
- Title 24 JA8-2022 E-Compliant
- Life span of 50,000 hours L70
- Covered by U.S. PATENTS and Patents Pending

Lumens	950
Color Temp.	2700K - 4000K, Sunset
CRI	95+
Damp Location	UL listed
Wet Location	UL listed with Wet Trims
Beam Angle	38° (Standard), 28° & 60° Optional: 18° (EP731C)



Product Number Builder	Koto™ LED Light Engine	Lumens	Color Temperature	Beam Angle
	EKCL		21 950	27D 2700K 30D 3000K 35D 3500K 40D 4000K SDD Sunset (3000K to 1800K) HCD Human Centric (4000K to 2200K)

Example: **EKCL2130D** [Koto™ LED Light Engine, 950 lm, 3000K, 38° Beam Angle]

*28° & 60° included in the box

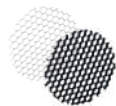
Field Changeable Accessories



Lenses

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

*28° & 60° Included with standard



Hex Louver

L45 Black
L57 White
For a better glare shield



Linear Lens

L46
For a wide rectangular illumination pattern



Spread Lens

L47
For a symmetrical broadening of light beams



Frosted Diffuser

L49
For a frosted lens look



Color Shifter

L51
For a reduced color temperature



Optic Lens

L52 Blue
L53 Pink
Secondary Optic Color Lens



Snoot

L50B Black
L50W White

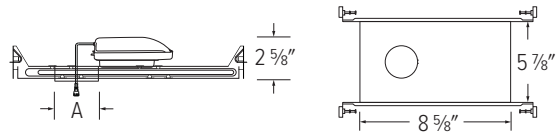
Canless Koto™ Frames & Power Packs

Canless Koto™ LED Module is compatible with: New Construction IC Frames and Remodel IC Power Packs



New Construction Frames with IC Power Pack

- 10.5W, 950 lm
- Must be used with Canless Koto™ LED Modules
- IC Rated for direct contact with insulation
- Easy-to-remove driver on frame
- Driver specified for 120V (Triac/ELV) or 120/277V (0-10V/Triac/ELV)



2" **E2KCL10IC**
A=3" - 120V - Triac/ELV
E2KCL10IC-EM
Emergency Battery Backup

E2KCL10ICDX
120/277V - 0-10V/Triac/ELV
E2KCL10ICDX-EM
Emergency Battery Backup

3" **E3KCL10IC**
A=3 5/8" - 120V - Triac/ELV
E3KCL10IC-EM
Emergency Battery Backup

E3KCL10ICDX
120/277V - 0-10V/Triac/ELV
E3KCL10ICDX-EM
Emergency Battery Backup

4" **E4KCL10IC**
A=4 1/4" - 120V - Triac/ELV
E4KCL10IC-EM
Emergency Battery Backup

E4KCL10ICDX
120/277V - 0-10V/Triac/ELV
E4KCL10ICDX-EM
Emergency Battery Backup

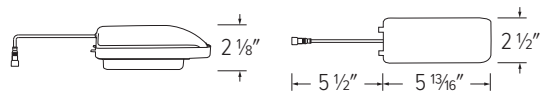
6" **E6KCL10IC**
A=6 1/4" - 120V - Triac/ELV
E6KCL10IC-EM
Emergency Battery Backup

E6KCL10ICDX
120/277V - 0-10V/Triac/ELV
E6KCL10ICDX-EM
Emergency Battery Backup



Remodel IC Power Pack

- 10.5W, 950 lm
- Must be used with Canless Koto™ LED Modules
- IC Rated for direct contact with insulation
- Driver included
- Driver specified for 120V (Triac/ELV) or 120/277V (0-10V/Triac/ELV)



EKCL10RIC
120V - Triac/ELV
EKCL10RIC-EM
Emergency Battery Backup

EKCL10RICDX
120/277V - 0-10V/Triac/ELV
EKCL10RICDX-EM
Emergency Battery Backup

Accessories



Plaster Frame for Power Pack

Optional 2", 3", 4" and 6" new construction plaster frame with hanger bars for remodel power packs (sold separately)

2" **E2LKF1**
2" Frame

3" **E3LKF1**
3" Frame

4" **E4LF1**
4" Frame

6" **E6LF1**
6" Frame



Emergency Battery Backup

120/277V optional 90 min. battery backup
KEM-ERT

The Canless Koto™ System:

Thoughtfully engineered
to be installed directly
into ceiling without
a frame or housing!



Designed with a low profile in mind!

As new structures are being designed with smaller plenum spaces between floors, this system has been engineered to be as shallow as possible, taking less space than a regular recessed housing without sacrificing quality lighting.



A practical solution for your application

Can be installed as a New Construction using our Frames with an easy-to-remove driver, or in a remodel and retrofit application for existing ceilings using the IC Power Pack.

Small aperture, big light!

The 1 1/2" inner diameter aperture is a designer's dream with a wide variety of finishes and optical options delivering smooth and abundant light distribution with minimal glare.



Fully adjustable, ideal for directional & accent lighting!

The 35° tilt and 358° rotation makes the Canless Koto™ Trims the perfect solution for designers and architects when designing a sophisticated and upscale space.

Meet the Canless Koto™ 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 Canless Koto™ System trims features our Twist-On mechanism making them easy to install or change.

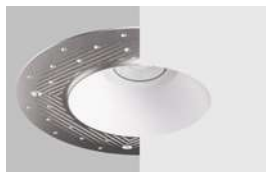
Koto™ Standard Trims

The go-to standard trims designed to sit flush with the surface of the ceiling. We offer a wide variety of sleek and modern trims that will match any room design.



Koto™ Trimless

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. Slides in-and-out of a finished ceiling without the aid of any tools, by utilizing ELCO's patented technology.



Mount Spackle Frame
Extra thin spackle frame for a easy mudding and lasting quality



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

Koto™ Flush Mount Trims

Using our flush mount trim adaptor for easy mudding and installing and one of our compatible Koto™ trims will result in a beautiful seamless flush trim appearance.



Flush Mount Trim Adaptor
Well engineered flush mount trim adaptor for easy mudding.

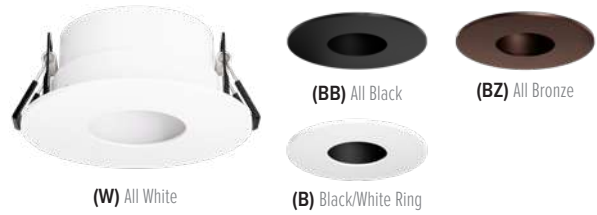
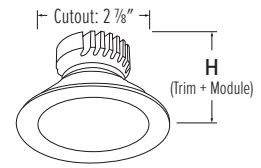


Flush Mount Trim Design
Koto Trims slides in-and-out of finish ceiling, ending with a seamlessly flush trim to ceiling



2" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



Pex™ 2" Round Deep Reflector



- 3 1/2" O.D. - 2 1/8" I.D. - 3 5/8" H*

EKCL2818W All White
 EKCL2818BB All Black
 EKCL2818BZ All Bronze
 EKCL2818B Black/White Ring
 EKCL2818H Haze/White Ring

Pex™ 2" Round Adjustable Pinhole

- 3 1/2" O.D. - 1 1/2" I.D. - 3 5/8" H* • 358° rotation - 30° tilt

EKCL2827W All White
 EKCL2827B Black/White Ring
 EKCL2827BB All Black
 EKCL2827BZ All Bronze



Pex™ 2" Round Adjustable Reflector



- 3 1/2" O.D. - 2 3/16" I.D. - 3 1/4" H* • 358° rotation - 30° tilt

EKCL2829W All White
 EKCL2829BB All Black
 EKCL2829BZ All Bronze
 EKCL2829B Black/White Ring
 EKCL2829H Haze/White Ring

Pex™ 2" Round Micro Flange Reflector



- 3 1/2" O.D. - 2 1/2" I.D. - 3 1/4" H*

EKCL2863W All White
 EKCL2863BB All Black



Pex™ 2" Round Curved Reflector



- 3 1/2" O.D. - 1 1/2" I.D. - 3 3/16" H*

EKCL2872W All White
 EKCL2872B All Black

Pex™ 2" Round Gimbal



- 3 1/2" O.D. - 1 1/2" I.D. - 2 5/8" H*
- 30° tilt

EKCL2888W All White
 EKCL2888BZ All Bronze
 EKCL2888B All Black

Pex™ 2" Square Gimbal



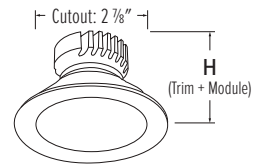
- 3 1/2" O.D. - 1 1/2" I.D. - 2 5/8" H*
- 30° tilt

EKCL2588W All White
 EKCL2588BZ All Bronze
 EKCL2588B All Black

* (H) Total height including Trim + Module

2" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White



(BB) All Black



(B) Black/White Ring



(W) All White



(BB) All Black



(B) Black/White Ring

Pex™ 2" Square Deep Reflector



- 3 1/2" Sq. - 2 1/8" I.D. - 3 9/16" H*

EKCL2518W All White
EKCL2518BB All Black

EKCL2518B Black/White Ring



(W) All White



(BB) All Black



(B) Black/White Ring

Pex™ 2" Square Adjustable Pinhole



- 3 1/2" Sq. - 1 1/2" Sq. - 3 9/32" H* • 358° rotation - 30° tilt

EKCL2527W All White
EKCL2527BB All Black

EKCL2527B Black/White Ring



(W) All White



(BB) All Black



(B) Black/White Ring

Pex™ 2" Square Adjustable Reflector



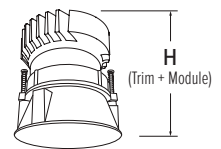
- 3 1/2" Sq. - 2 3/16" I.D. - 3 9/32" H • 358° rotation - 30° tilt

EKCL2529W All White
EKCL2529BB All Black

EKCL2529B Black/White Ring

2" Pex™ Trimless

Designed to seamlessly make the trim ring invisible showing only the reflector and lens. Trimless must be used with Maximum adjustability housing.



(W) White



(B) Black



Pex™ 2" Round Adjustable Trimless Reflector



- 2 5/8" O.D. - 4" H*

ELK215W White

- 35° adjustability

ELK215B Black

Pex™ 2" Round Trimless Spackle Frame

- 7 1/8" O.D. - 2 1/2" I.D.

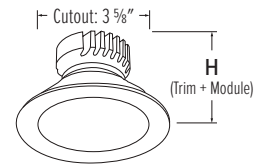
EL2SFR

- For use with ELK215 Only

* (H) Total height including Trim + Module

3" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



Pex™ 3" Round Deep Reflector



- 4 3/8" O.D. - 3" I.D. - 4 1/8" H*

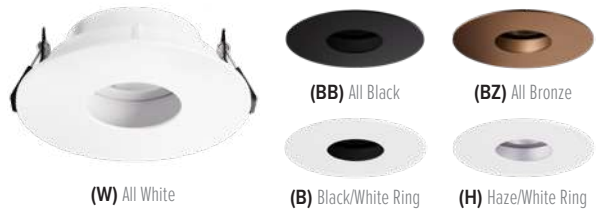
- EKCL3618W All White
- EKCL3618BB All Black
- EKCL3618BZ All Bronze
- EKCL3618B Black/White Ring
- EKCL3618C Chrome/White Ring
- EKCL3618H Haze/White Ring

Pex™ 3" Round Adjustable Gimbal



- 4 3/8" O.D. - 3" I.D. - 3 1/32" H* • 30° adjustability

- EKCL3629W All White
- EKCL3629BB All Black
- EKCL3629BZ All Bronze
- EKCL3629B Black/White Ring
- EKCL3629C Chrome/White Ring
- EKCL3629H Haze/White Ring



Pex™ 3" Round Adjustable Pinhole



- 4 3/8" O.D. - 1 3/4" I.D. - 3 3/8" H* • 15°-30° adjustability, 358° rotation

- EKCL3627W All White
- EKCL3627BB All Black
- EKCL3627BZ All Bronze
- EKCL3627B Black/White Ring
- EKCL3627H Haze/White Ring

Pex™ 3" Round Regressed Eyeball



- 4 3/8" O.D. - 2 7/8" I.D. - 3 3/4" H* • 30° adjustability, 360° rotation

- EKCL3653W All White
- EKCL3653BB All Black
- EKCL3653B Black/White Ring



Pex™ 3" Round Adjustable Slot Aperture



- 4 3/8" O.D. - 3 3/8" H* • 45° adjustability

- EKCL3620W Black Slot/White Ring

Pex™ 3" Adjustable Reflector Wall Wash



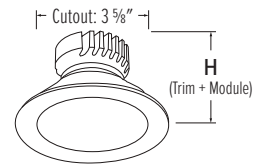
- 4 3/8" O.D. - 3" I.D. - 4" H* • 45° adjustability

- EKCL3622W All White

* (H) Total height including Trim + Module

3" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White



(BB) All Black



(W) All White



(BB) All Black



(H) Haze/White Ring



(B) Black/White Ring

Pex™ 3" Round Micro Flange Reflector



- 4 3/8" O.D. - 3 3/8" I.D. - 3 1/2" H*

EKCL3663W All White
EKCL3663BB All Black

Pex™ 3" Round Directional Gimbal



- 4 3/8" O.D. - 3" I.D. - 3 1/8" H*
- 358° rotation - 25° tilt

EKCL3679W All White
EKCL3679BB All Black
EKCL3679B Black/White Ring
EKCL3679H Haze/White Ring



(W) All White



(B) All Black



(W) All White

Pex™ 3" Round Curved Reflector



- 4 3/8" O.D. - 1 1/2" I.D. - 3 1/4" H*

EKCL3672W All White
EKCL3672B All Black

Pex™ 3" Round Adjustable Baffle



- 4 3/8" O.D. - 3" I.D. - 4 1/8" H*
- 35° adjustability

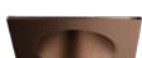
EKCL3693W All White



(W) All White



(BB) All Black



(BZ) All Bronze



(B) Black/White Ring



(C) Chrome/White Ring



(H) Haze/White Ring



(W) All White



(BB) All Black



(BZ) All Bronze



(B) Black/White Ring



(H) Haze/White Ring

Pex™ 3" Square Deep Reflector



- 4 3/8" Sq. - 3" I.D. - 4 1/4" H*

EKCL3318W All White
EKCL3318BB All Black
EKCL3318BZ All Bronze

EKCL3318B Black/White Ring
EKCL3318C Chrome/White Ring
EKCL3318H Haze/White Ring

Pex™ 3" Square Adjustable Pinhole



- 4 3/8" Sq. - 2" Sq. - 3 3/8" H*
- 15°-30° adjustability, 358° rotation

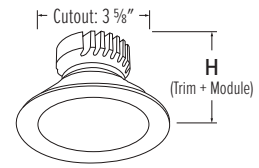
EKCL3327W All White
EKCL3327BB All Black
EKCL3327BZ All Bronze

EKCL3327B Black/White Ring
EKCL3327H Haze/White Ring

* (H) Total height including Trim + Module

3" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



Pex™ 3" Square Adjustable Gimbal



- 4 3/8" Sq. - 3" I.D. - 3 1/4" H*
- 15°-30° adjustability, 358° rotation

EKCL3329W All White
EKCL3329BB All Black
EKCL3329BZ All Bronze
EKCL3329B Black/White Ring
EKCL3329C Chrome/White Ring
EKCL3329H Haze/White Ring



Pex™ 3" Square Reflector



- 4 3/8" Sq. - 2" Sq. - 3 11/16" H*

EKCL3341W All White
EKCL3341BB All Black
EKCL3341B Black/White Ring
EKCL3341BZ All Bronze



Pex™ 3" Adjustable Reflector Wall Wash



- 4 3/8" Sq. - 3" I.D. - 4" H*
- 45° adjustability

EKCL3322W All White



Pex™ 3" Square Adjustable Baffle



- 4 3/8" Sq. - 3" I.D. - 4" H*
- 35° adjustability

EKCL3393W All White



3" Pex™ Flush Mount Trim Adaptors

Designed to seamlessly flush trims to ceiling. Using our well engineered flush mount trim adaptor for easy mudding and installing one of our compatible Koto™ trims will result in a beautiful seamless appearance.



Pex™ 3" Round Flush Mount Trim Adaptor

- Extra thin spackle frame for easy mounting
- Compatible with: EKCL3618, EKCL3629, EKCL3627, EKCL3693, EKCL3620, EKCL3622 Series only

EL3FMR



Pex™ 3" Square Flush Mount Trim Adaptor

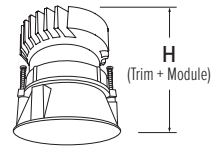
- Extra thin spackle frame for easy mounting
- Compatible with: EKCL3318, EKCL3329, EKCL3322, EKCL3327, EKCL3341, EKCL3393 Series only

EL3FMS

* (H) Total height including Trim + Module

3" Pex™ Trimless

Designed to seamlessly make the trim ring invisible showing only the reflector and lens



(W) White



(B) Black



(H) Haze



(W) White



(B) Black



(H) Haze

Pex™ 3" Round Trimless Reflector



- 3" O.D. - 4" H*

ELK308W White

ELK308B Black

ELK308H Haze

Pex™ 3" Round Adjustable Trimless Reflector



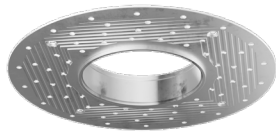
- 3" O.D. - 4" H*

ELK315W White

ELK315B Black

ELK315H Haze

- 35° adjustability



Pex™ 3" Round Trimless Spackle Frame

- 7 1/8" O.D. - 3" I.D.

- For use with ELK308 & ELK315

EL3SFR



(W) White



(B) Black

Pex™ 3" Knife Edge Wood Ceiling Adaptor

- 3 7/8" O.D. - 3 3/16" I.D.

- Compatible with ceiling up to 2" thick

- For use with ELK308 & ELK315

EL3WCRW White

EL3WCRB Black



(W) White



(B) Black



(H) Haze



(W) White



(B) Black



(H) Haze

Pex™ 3" Square Trimless Reflector



- 2 5/16" Sq. - 3" H*

ELK370W White

ELK370B Black

ELK370H Haze

Pex™ 3" Round Adjustable Trimless Reflector



- 2 5/16" Sq. - 3" H*

ELK381W White

ELK381B Black

ELK381H Haze

- 35° adjustability



Pex™ 3" Square Trimless Spackle Frame

- 7 1/8" O.D. - 3" I.E.

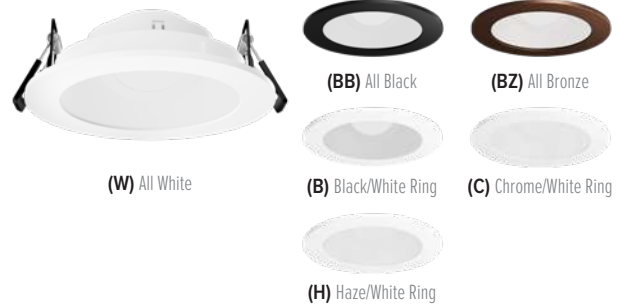
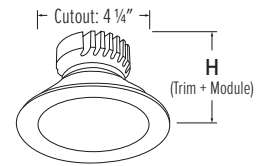
- For use with ELK370 & ELK381

EL03SFR

* (H) Total height including Trim + Module

4" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



Pex™ 4" Adj. Reflector with Clear Glass Lens



- 5" O.D. - 4" I.D. - 3 1/4" H*
- 25°-35° adjustability, 358° rotation

EKCL4111W All White
EKCL4111BB All Black
EKCL4111BZ All Bronze
EKCL4111B Black/White Ring
EKCL4111C Chrome/White Ring
EKCL4111H Haze/White Ring



Pex™ 4" Adj. Reflector with Frosted Lens



- 5" O.D. - 4" I.D. - 3 1/4" H*
- 25°-35° adjustability, 358° rotation

EKCL4112W All White
EKCL4112BB All Black
EKCL4112BZ All Bronze
EKCL4112B Black/White Ring
EKCL4112C Chrome/White Ring
EKCL4112H Haze/White Ring



Pex™ 4" Round Adjustable Reflector



- 5" O.D. - 4" I.D. - 3 1/4" H*
- 25°-35° adjustability, 358° rotation

EKCL4129W All White
EKCL4129BB All Black
EKCL4129BZ All Bronze
EKCL4129B Black/White Ring
EKCL4129C Chrome/White Ring
EKCL4129H Haze/White Ring



Pex™ 4" Round Deep Reflector



- 5" O.D. - 3 5/8" I.D. - 4 1/4" H*

EKCL4118W All White
EKCL4118BB All Black
EKCL4118BZ All Bronze
EKCL4118B Black/White Ring
EKCL4118C Chrome/White Ring
EKCL4118H Haze/White Ring



Pex™ 4" Round Shallow Reflector



- 5" O.D. - 3 5/8" I.D. - 3 3/8" H*

EKCL4116W All White
EKCL4116H Haze/White Ring

Pex™ 4" Round Adjustable Wall Wash



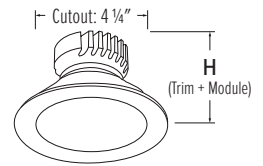
- 5" O.D. - 3 3/4" I.D. - 5 1/8" H* • 45° adjustability

EKCL4122W All White

* (H) Total height including Trim + Module

4" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



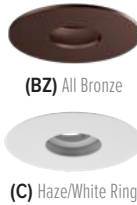
(W) All White



(BB) All Black



(B) Black/White Ring



(BZ) All Bronze



(C) Haze/White Ring



(W) All White



(BB) All Black



(B) Black/White Ring



(BZ) All Bronze



(C) Haze/White Ring

Pex™ 4" Round Adjustable Pinhole



- 5" O.D. - 2" I.D. - 3 3/8" H*
- 25°-35° adjustability*

EKCL4127W All White
EKCL4127BB All Black
EKCL4127BZ All Bronze

EKCL4127B Black/Wht Ring
EKCL4127H Haze/White Ring

Pex™ 4" Round Adj. Pinhole with Frosted Lens



- 5" O.D. - 2" I.D. - 3 3/8" H*
- 25°-35° adjustability*

EKCL4125W All White
EKCL4125BB All Black
EKCL4125BZ All Bronze

EKCL4125B Black/Wht Ring
EKCL4125H Haze/White Ring



(W) All White



(W) All White



(BB) All Black



(W) All White



(B) All Black

Pex™ 4" Round Slot Aperture



- 5" O.D. - 4 7/16" H*
- 45° adjustability

EKCL4130W Black Slot/White Ring

Pex™ 4" Round Micro Flange Reflector



- 5" O.D. - 3 7/8" I.D. - 3 1/2" H*

EKCL4163W All White
EKCL4163BB All Black

Pex™ 4" Round Curved Reflector



- 5" O.D. - 1 1/2" I.D. - 3 1/8" H*

EKCL4172W All White
EKCL4172B All Black



(W) All White



(BB) All Black



(B) Black/White Ring



(W) All White



(BB) All Black



(H) Haze/White Ring

Pex™ 4" Round Regressed Eyeball



- 5" O.D. - 3 1/2" I.D. - 3 1/2" H*
- 15°-30° adjustability, 360° rotation

EKCL4153W All White
EKCL4153BB All Black

EKCL4153B Black/White Ring

Pex™ 4" Round Directional Gimbal



- 5" O.D. - 3 1/2" I.D. - 3" H*
- 358° rotation - 25° tilt

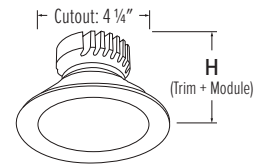
EKCL4179W All White
EKCL4179BB All Black

EKCL4179B Black/White Ring
EKCL4179H Haze/White Ring

* (H) Total height including Trim + Module

4" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White



(B) All Black



(BZ) All Bronze



(W) All White



(BB) All Black



(B) Black/White Ring

Pex™ 4" Round Adjustable Spot



- 5" O.D. - 3 5/8" I.D. - 2 5/8" H*

EKCL4188W All White
EKCL4188B All Black

EKCL4188BZ All Bronze

Pex™ 4" Round Adjustable Baffle



- 5" O.D. - 4" I.D. - 3 3/4" H*
- 35° adjustability

EKCL4193W All White
EKCL4193BB All Black

EKCL4193B Black/White Ring



(W) All White



(H) Haze/White Ring



(W) All White

Pex™ 4" Square Shallow Reflector



- 5" Sq. - 3 5/8" I.D. - 3 3/8" H*

EKCL4216W All White
EKCL4216H Haze/White Ring

Pex™ 4" Square Adjustable Wall Wash



- 5" O.D. - 3 3/4" I.D. - 5 1/8" H*
- 45° adjustability

EKCL4222W All White



(W) All White



(BB) All Black



(BZ) All Bronze



(B) Black/White Ring



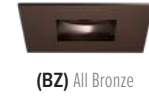
(H) Haze/White Ring



(W) All White



(BB) All Black



(BZ) All Bronze



(B) Black/White Ring



(H) Haze/White Ring

Pex™ 4" Square Adj. Pinhole with Frosted Lens



- 5" Sq. - 2 1/2" Sq. - 3 5/8" H*
- 25°-35° adjustability

EKCL4212W All White
EKCL4212BB All Black
EKCL4212BZ All Bronze

EKCL4212B Black/White Ring
EKCL4212H Haze/White Ring

Pex™ 4" Square Adjustable Pinhole



- 5" Sq. - 2 1/2" Sq. - 3 5/8" H*
- 25°-35° adjustability

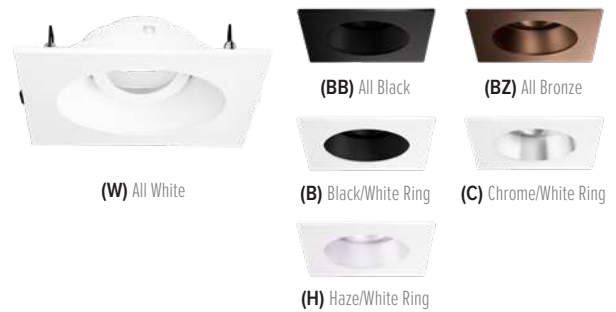
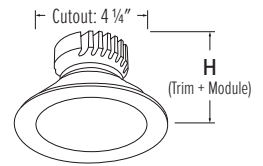
EKCL4227W All White
EKCL4227BB All Black
EKCL4227BZ All Bronze

EKCL4227B Black/White Ring
EKCL4227H Haze/White Ring

* (H) Total height including Trim + Module

4" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



Pex™ 4" Square Deep Reflector

- 5" Sq. - 3 3/4" I.D. - 4 5/16" H*

- | | |
|-----------------------|-----------------------------|
| EKCL4218W All White | EKCL4218B Black/White Ring |
| EKCL4218BB All Black | EKCL4218C Chrome/White Ring |
| EKCL4218BZ All Bronze | EKCL4218H Haze/White Ring |



Pex™ 4" Square Adjustable Gimbal

- 5" Sq. - 3 5/8" I.D. - 3 3/8" H*
- 25°-35° adjustability, 358° rotation

- | | |
|-----------------------|-----------------------------|
| EKCL4229W All White | EKCL4229B Black/White Ring |
| EKCL4229BB All Black | EKCL4229C Chrome/White Ring |
| EKCL4229BZ All Bronze | EKCL4229H Haze/White Ring |



Pex™ 4" Square Adjustable Reflector

- 5" Sq. - 2 5/8" Sq. - 4" H*
- 35° adjustability, 358° rotation

- | |
|-----------------------|
| EKCL4282W All White |
| EKCL4282BZ All Bronze |



Pex™ 4" Round Flush Mount Trim Adaptor

- Extra thin spackle frame for easy mounting
- Compatible with: EKCL4116, EKCL4118, EKCL4127, EKCL4129, EKCL4710, EKCL4713, EKCL4715 Series only

EL4FMR



Pex™ 4" Square Flush Mount Trim Adaptor

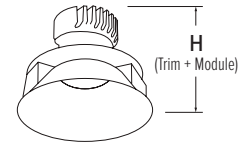
- Extra thin spackle frame for easy mounting
- Compatible with: EKCL4216, EKCL4218, EKCL4227, EKCL4229 Series only

EL4FMS

* (H) Total height including Trim + Module

4" Pex™ Trimless

Designed to seamlessly make the trim ring invisible showing only the reflector and lens



(W) White



(H) Haze



(H) Haze



(BZ) Bronze



(W) White



(H) Haze



(H) Haze



(BZ) Bronze

Pex™ 4" Round Trimless Reflector



- 4" O.D. - 1 1/2" I.D. - 3 3/4" H*
- Requires EL4SFR (Sold separately)

ELK408W White
ELK408B Black

ELK408BZ Bronze
ELK408H Haze

Pex™ 4" Round Adjustable Trimless Reflector



- 4" O.D. - 1 1/2" I.D. - 3 3/4" H*
- 35° adjustability
- Requires EL4SFR (Sold separately)

ELK415W White
ELK415B Black

ELK415BZ Bronze
ELK415H Haze



Pex™ 4" Round Trimless Spackle Frame

- 7 1/8" O.D. - 4" I.D.
- For use with ELK408 & ELK415

EL4SFR



(W) White



(B) Black



(H) Haze



(W) White



(B) Black



(H) Haze

Pex™ 4" Square Trimless Reflector



- 3 1/4" Sq. - 3 3/4" H*
- Requires EL4SFS (Sold separately)

ELK445W White
ELK445B Black

ELK445H Haze

Pex™ 4" Square Adj. Trimless Reflector



- 3 1/4" Sq. - 3 3/4" H*
- 35° adjustability
- Requires EL4SFS (Sold separately)

ELK459W White
ELK459B Black

ELK459H Haze



Pex™ 4" Square Trimless Spackle Frame

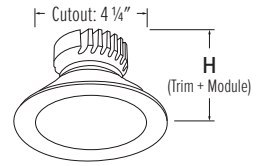
- 6 3/4" Sq. - 3 3/8" Sq.
- For use with ELK445 & ELK459

EL4SFS

* (H) Total height including Trim + Module

4" Flexa™ Trims for Koto™ Module

Mix-and-match any ring finish with any reflector or baffle finish. Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(WW) All White



(BB) All Black



(BZBZ) All Bronze



(BW) Black/Wht Ring



(WW) All White



(BB) All Black



(BZBZ) All Bronze



(BW) Black/Wht Ring

Flexa™ 4" Round Reflector



- 5" O.D. - 3 1/8" I.D. - 3 1/4" H*
- 35° Adjustability

EKCL4721WW All White
EKCL4721BB All Black

EKCL4721BZBZ All Bronze
EKCL4721BW Black/White Ring

Flexa™ 4" Round Baffle



- 5" O.D. - 3 1/8" I.D. - 3 1/4" H*
- 35° Adjustability

EKCL4723WW All White
EKCL4723BB All Black

EKCL4723BZBZ All Bronze
EKCL4723BW Black/White Ring



(WW) All White



(BB) All Black



(BZBZ) All Bronze



(HW) Haze/Wht Ring



(BW) Black/Wht Ring



(WW) All White



(BB) All Black



(BZBZ) All Bronze



(BW) Black/Wht Ring



(WW) All White



(BB) All Black



(B) Black/Wht Ring



(H) Haze/Wht Ring

Flexa™ 4" Square Reflector



- 4 3/4" Sq. - 2 3/8" Sq. - 3 3/8" H*

EKCL4741WW All White
EKCL4741BB All Black
EKCL4741BZBZ All Bronze
EKCL4741BW Black/White Ring
EKCL4741HW Haze/White Ring

Flexa™ 4" Square Baffle



- 4 3/4" Sq. - 2 3/8" Sq. - 3 3/8" H*

EKCL4743WW All White
EKCL4743BB All Black
EKCL4743BZBZ All Bronze
EKCL4743BW Black/White Ring

Flexa™ 4" Square Adj. Reflector



- 4 3/4" Sq. - 2 3/8" Sq. - 3 1/2" H*
- 35° tilt Adjustability, 358° rotation

EKCL4759WW All White
EKCL4759BB All Black
EKCL4759B Black/White Ring
EKCL4759H Haze/White Ring

Product Number Builder

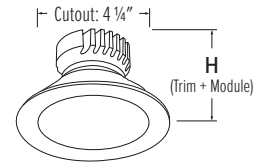
4" Flexa™ Trim	Style	Style Finish	Ring Finish
EKCL472 Round	1 Reflector	W White	W White
EKCL474 Square	3 Baffle	B Black	B Black
		BZ Bronze	BZ Bronze
		H Haze (Reflector only)	

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

* (H) Total height including Trim + Module

4" **Unique™** Trims for Koto™ Module

One piece trims with twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White

Unique™ 4" Round Adjustable Reflector

- 5" O.D. - 3 7/8" I.D. - 2 3/4" H*
- 35° Adjustability

EKCL4710W All White



(W) All White

Unique™ 4" Round Adjustable Baffle

- 5" O.D. - 3 7/8" I.D. - 3 7/8" H*
- 35° Adjustability

EKCL4713W All White



(W) All White

Unique™ 4" Round Wall Wash

- 5" O.D. - 3 5/8" I.D. - 3" H*

EKCL4715W All White

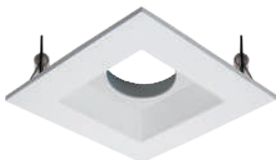


(W) All White

Unique™ 4" Round Adjustable Deep Reflector

- 5" O.D. - 3 7/8" I.D. - 4" H*
- 35° Adjustability

EKCL4717W All White



(W) All White

Unique™ 4" Square Reflector

- 4 1/2" Sq. - 2 3/4" Sq. - 2 3/4" H*

EKCL4714W All White



(W) All White

Unique™ 4" Square Baffle

- 4 1/2" Sq. - 2 3/4" Sq. - 2 3/4" H*

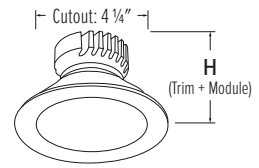
EKCL4716W All White



* (H) Total height including Trim + Module

4" Pex™ Sloped Ceiling Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White

Pex™ 4" Round Universal Sloped Reflector

• 5" O.D. - 3 3/4" I.D. - 4 5/16" H*

EKCL4357W All White
EKCL4357BB All Black
EKCL4357BZ All Bronze

EKCL4357B Black/Wht Ring
EKCL4357H Haze/White Ring



(BB) All Black



(BZ) All Bronze

Pex™ 4" Round Universal Sloped Reflector with Clear Glass

EKCL4347W All White
EKCL4347BB All Black
EKCL4347BZ All Bronze

EKCL4347B Black/Wht Ring
EKCL4347H Haze/White Ring



(B) Black/White Ring



(H) Haze/White Ring

Designed specifically for installation in vaulted or sloped ceilings ranging from 2/12 (10°) to 12/12 (45°).

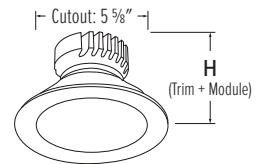
2/12 10°	3/12 14°	4/12 18.5°	5/12 22.5°
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6/12 26.5°	7/12 30°	8/12 33.5°	9/12 36.8°
---------------	-------------	---------------	---------------

10/12 39.8°	11/12 42.5°	12/12 45°
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6" Pex™ Trims

Twist-on system for easy installation. Works with ceiling thicknesses up to 1.25"



(W) All White



(BB) All Black



(BZ) All Bronze



(H) Haze/White Ring

Pex™ 6" Round Reflector

• 7 1/2" O.D. - 6" I.D. - 4 3/4" H*

EKCL6418W All White
EKCL6418BB All Black

EKCL6418BZ All Bronze
EKCL6418H Haze/White Ring



(W) All White



(BB) All Black



(BZ) All Bronze



(H) Haze/White Ring

Pex™ 6" Round Adjustable Reflector

• 7 1/2" O.D. - 6" I.D. - 4 3/4" H*

EKCL6429W All White
EKCL6429BB All Black

EKCL6429BZ All Bronze
EKCL6429H Haze/White Ring



(W) All White



(B) Black/White Ring



(H) Haze/White Ring

Pex™ 6" Round Adjustable Pinhole with Reflector

• 8" O.D. - 1 3/4" I.D. - 4 3/4" H*

EKCL6427W All White
EKCL6427B Black/White Ring

• 35° Adjustability
EKCL6427H Haze/White Ring



(W) All White

Pex™ 6" Round Adjustable Slot Aperture

• 7 1/4" O.D. - Slot: 1 3/8" x 2 1/4" - 4 1/2" H*

EKCL6420W All White

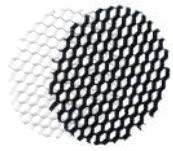


* (H) Total height including Trim + Module

Accessories



Secondary Optics



Field Changeable
Hex Louver
L45 Black
L57 White

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



Field Changeable
Frosted Diffuser
L49

For a softer light



Field Changeable
Color Shifters
L51
L52 Blue
L53 Pink

For a reduced color temperature



Field Changeable
Snoots
L50W White
L50B Black

Reduces glare and light spill

Lens



Field Changeable **Lens**

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

*28°, 38°, & 60° lens included with Standard Koto™ LED Module

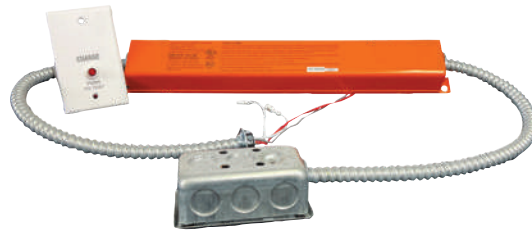
Reflectors



Field Changeable **Reflectors**

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

Emergency Battery Backup

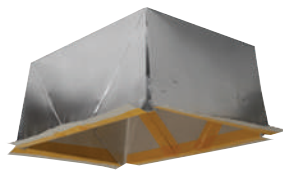


Emergency Battery Backup

KEM-ERT

90 minute of emergency operation. Charging time: 36 hours. UL listed for damp locations. Input: 6W, 100-277VAC, 50-60Hz. Output: 25W, 170VDC.

Fire Rated Products



Fire Enclosure for Recessed Fixtures

- FIREENCL** Standard - 9" H x 20 3/8" L x 14 3/8" W
- FIREENCL-S** Shallow - 7 1/4" H x 16" L x 14 3/8" W

Provides fire barrier around recessed lights. ETL approved 1-Hour fire rating. Meets UL 263, ASTM E119 Specifications. To be used with Mica Tape (FIRETAPE sold separately) to seal the power feeding point.



Mica Fire Tape (for Fire Enclosure)

- FIRETAPE** 9" H x 20 3/8" L x 14 3/8" W

Fire proof mica adhesive tape helps seal the power feeding point on Fire Enclosure. Offers outstanding high temperature and flame resistance, and provides excellent electrical insulation.



Fire Cover for Recessed Fixtures

- FIRECVR** 9 3/4" H x 17" O.D. x 13" I.D.

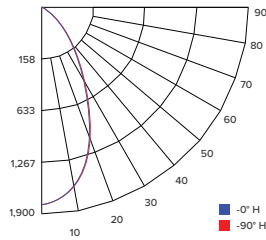
Made of heat activated intumescent material. UL approved for most ceiling types: sheetrock drywall, gypsum & acoustical tiles. UL Rated enclosure stops flame spread and heat transmission for up to 2 hours.

Photometric Report

Canless Koto™ LED Module

PHOTOMETRIC REPORT

Product #: EKCL2127D
 Wattage / Lumens: 12.22W / 1169.3 lm
 Luminaire LPW: 95.7 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1829
5	1737
15	1353
25	683
35	328
45	123
55	39
65	17
75	8
85	2
90	1

ILLUMINANCE AT A DISTANCE

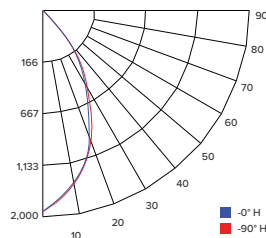
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	114	3.0'
6'	50.8	4.6'
8'	28.6	6.1'
10'	18.3	7.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	834.5	71.2
0-40°	1,022.9	87.3
0-60°	1,140.0	97.3
0-90°	1,164.3	99.4

PHOTOMETRIC REPORT

Product #: EKCL2130D
 Wattage / Lumens: 12.22W / 1218 lm
 Luminaire LPW: 99.6 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1900
5	1805
15	1406
25	710
35	341
45	127
55	41
65	17
75	9
85	2
90	1

ILLUMINANCE AT A DISTANCE

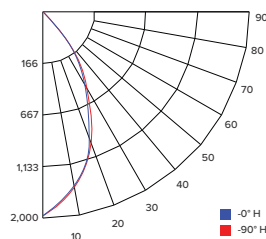
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	119	3.0'
6'	52.8	4.6'
8'	29.7	6.1'
10'	19.0	7.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	867.0	71.2
0-40°	1,062.8	87.3
0-60°	1,184.4	97.3
0-90°	1,209.7	99.4

PHOTOMETRIC REPORT

Product #: EKCL2135D
 Wattage / Lumens: 12.22W / 1271 lm
 Luminaire LPW: 104 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	1976
5	1877
15	1462
25	738
35	355
45	133
55	43
65	18
75	9
85	2
90	1

ILLUMINANCE AT A DISTANCE

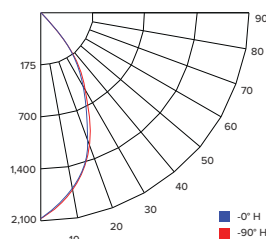
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	124	3.0'
6'	54.9	4.6'
8'	30.9	6.1'
10'	19.8	7.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	901.7	71.2
0-40°	1,105.3	87.3
0-60°	1,231.8	97.3
0-90°	1,258.1	99.4

PHOTOMETRIC REPORT

Product #: EKCL2140D
 Wattage / Lumens: 12.22W / 1322 lm
 Luminaire LPW: 108.2 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	2051
5	1948
15	1518
25	766
35	368
45	138
55	44
65	19
75	9
85	2
90	1

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	128	3.0'
6'	57.0	4.6'
8'	32.1	6.1'
10'	20.5	7.6'

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	935.9	71.2
0-40°	1,147.2	87.3
0-60°	1,278.5	97.3
0-90°	1,305.8	99.4

ELCAT1070



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