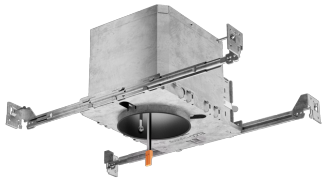
ELCO Lighting

Project name:

Fixture type:

Date:

4" Max. Adjustability New Construction IC Airtight Housing



Features

- IC Airtight for direct contact with insulation
- 120V Quick Connect for easy module installation
- Integrated collar allows for use with ⅝" thick to 1 ½" thick ceilings
- Limited 5 year warranty

Specifications

Voltage	120/277V or 120V
Dimmable	Triac/ELV

Technical Details

Construction:
- IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- Housing adjusts in frame to accommodate up to 1½" 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 swivel hanger bars can easily be nailed to joists. Maximum hole cutout is 4 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 with pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed swivel 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: 120V AC.
- Inherently protected.

Emergency Backup: The fixture becomes 120V only.

Dimmability:
- Dimmability based on lamp.

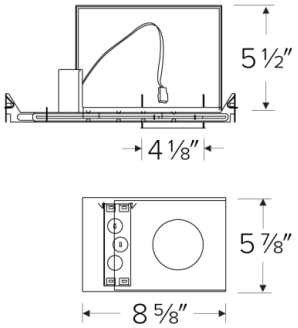
Lamp: Designed for use with ELCO 4" PEX Diecast Trims and Koto™ LED module

Listings:

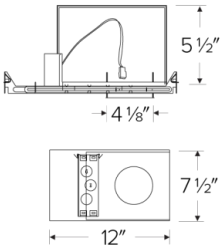
- cULus Listed for US and Canada.
- cUL Listed for Damp Location.
- cUL Listed for Wet Location with select trims.
- cUL Listed for Feed Through.
- cUL Listed for Direct Contact with Insulation and Combustible Material.
- Airtight per ASTM E-283.
- Install a JA8-2016-E lamp for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

EL485ICA



EL485ICA-EM



Product Numbers

Item	Description	Voltage	Dimming
EL485ICA		120/277V	Triac/ELV
EL485ICA-EM7	Emergency Battery Backup	120V	Triac/ELV

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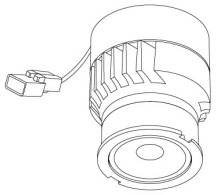
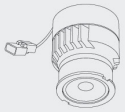
Compatible Products

For use with Dedicated **4" IC MAX. Adjustability LED Housings**

Koto™ LED Module



Koto™ LED Module
ELK07, ELK09, ELK11, & ELK13



Koto™ LED Module with 5-CCT Switch

Product Number

ELK08CT5	825 lm
ELK10CT5	1000 lm

PRODUCT NUMBER BUILDER

Koto™ LED Module	Lumens	Color Temperature	Beam Angle
ELK			
	07 750 lm	**24** 2400K[1]	**(blank)** 38° lens[6](Standard)
	09 950 lm	**27** 2700K	**-S** 18° lens
	11 1150 lm	**30** 3000K	**-N** 25° lens
	13 1350 lm	**35** 3500K	**-W** 60° lens
		40 4000K	**-FC** 18° - 50° Adjustable (ELK07 Only)
		SD Sunset Dimming[2,3] (For ELK09 & ELK11)	
		HC Human Centric Dimming[4,5] (For ELK11)	

[1] Not compatible with ELK13
[2] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed
[3] Available with ELK11 lumen outputs only
[4] Human Centric, Dim to Warm technology, automatically transitions from 4000K to 2200K when dimmed
[5] 38° lens installed. Includes 25° and 60° lens with module.
[6] Available with ELK09 and ELK11 lumen outputs only

ACCESSORIES

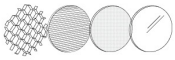
Lens

EP731C	18° Lens
EP732C	25° Lens
EP733C	38° Lens
EP734C	60° Lens

**EP732C, EP733C, EP734C Included*

Snoot

L50W	White
L50B	Black



Secondary Optics

L45	Hex Louver
L46	Linear Lens
L47	Spread Louver
L49	Frosted Lens
L51	Color Shifter

4" Pex™ Twist-On Trims

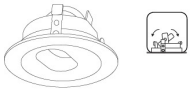
Reflector
ELK4118
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Gimbal
ELK4129
Finishes:
(W, BB, BZ, B, C, H)

Adjustable Pinhole
ELK4127
Finishes:
(B, BB, BZ)

Adjustable Baffle
ELK4193
Finishes:
(W, BB, B)

Slot Aperture
ELK4130
Finishes:
(W)



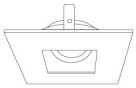
Rotatable Slot Aperture
ELK4120
Finishes:
(W)

Adj. Wall Wash
ELK4122
Finishes:
(W)

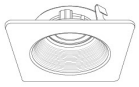
Adjustable Spot
ELK4188
Finishes:
(W, B, BZ)

Reflector
ELK4218
Finishes:
(W, BB, BZ, B, C, H)

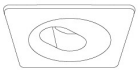
Adjustable Gimbal
ELK4229
Finishes:
(W, BB, BZ, B, C, H)



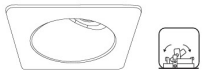
Adjustable Pinhole
ELK4227
Finishes:
(B, BB, BZ)



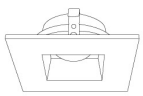
Adjustable Phenolic Baffle
ELK4293
Finishes:
(W, BB, B)



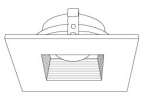
Adj. Slot Rotatable Aperture
ELK4220
Finishes:
(W)



Adjustable Wall Wash
ELK4222
Finishes:
(W)



Adjustable Reflector
ELK4282
Finishes:
(W)



Adjustable Baffle
ELK4284
Finishes:
(W)

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Compatible Products

For use with Dedicated **4" IC MAX. Adjustability LED Housings**

4" Pex™ Adjustable Trimless

Round Spackle Frame

EL4SFR

Round Adjustable Trimless Reflector

ELK415

Finishes:

(W, B, BZ, H)

Round Fixed Trimless Reflector

ELK408

Finishes:

(W, B, BZ, H)

Square Spackle Frame

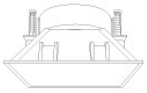
EL4SFS

Square Adjustable Trimless Reflector

ELK459

Finishes:

(W, B, H)



Square Trimless Reflector

ELK445

Finishes:

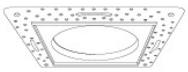
(W, B, H)

4" Flush Mount Trim Adaptors

For use with ELK41, ELK42 & ELK47 Trims

Round Flush Mount

EL4FMR



Square Flush Mount

EL4FMS

4" Flexa™ Twist-On Trims

Round Reflector

ELK4721

Finishes:

(WW, BB, BZBZ, BW, CC, CW, HW, CN)

Round Baffle

ELK4723

Finishes:

(WW, BB, BZBZ, BW)

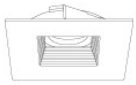
Square Reflector

ELK4741

Finishes:

(WW, BB, BZBZ, BW, HW)

**Not for Remodel Housing*



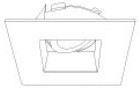
Square Baffle

ELK4743

Finishes:

(WW, BB, BZBZ, BW)

**Not for Remodel Housing*



Adjustable Sq. Reflector

ELK4759

Finishes:

(WW, BB, B, H)

*Finishes: **W** - All White, **BB** - All Black,
BZ - All Bronze, **B** - Black Reflector w/White Ring,
C - Chrome Reflector w/White Ring,
H - Haze Reflector w/White Ring

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Compatible Products

For use with Dedicated **4" IC MAX. Adjustability LED Housings**

4" LED Light Engines

Round Reflector

CAT NO.	SPECIFICATIONS
EL41527W	10W, 800 lm, 2700K
EL41530W	10W, 850 lm, 3000K
EL41535W, BZ	10W, 900 lm, 3500K
EL41540W	10W, 900 lm, 4000K
EL41550W	10W, 950 lm, 5000K
EL415CT5W, BB, BZ	12W, 850 lm, 2700K - 5000K CCT SWITCH

Round Baffle

CAT NO.	SPECIFICATIONS
EL41027W	10W, 800 lm, 2700K
EL41030W	10W, 850 lm, 3000K
EL41035W	10W, 900 lm, 3500K
EL41040W	10W, 900 lm, 4000K
EL410CT5W, BB	12W, 850 lm, 2700K - 5000K CCT SWITCH
EL41230W	14W, 1000 lm, 3000K HIGHLUMEN
EL412CT5W	14W, 1000 lm, 2700K - 5000K CCT SWITCH

Round Reflector

CAT NO.	SPECIFICATIONS
EL41727C, H	14W, 1000 lm, 2700K
EL41730W, C	14W, 1000 lm, 3000K
EL41735C, H	14W, 1000 lm, 3500K
EL41740W, C, H	14W, 1000 lm, 4000K
EL417CT5W, H	14W, 1000 lm, 2700K - 5000K CCT SWITCH

DIMS TO WARM SUNSET DIMMING TECHNOLOGY

Round Reflector

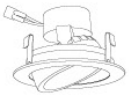
CAT NO.	SPECIFICATIONS
EL415SDW, BZ	10W, 700 lm, Sunset
EL410SDW, BZ	10W, 700 lm, Sunset

Square Reflector

CAT NO.	SPECIFICATIONS
EL442CT5W	11W, 850 lm, 2700K - 5000K CCT SWITCH
EL442CT3BB,BZ	11W, 750 lm, 2700K - 3500K CCT SWITCH

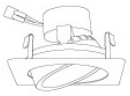
Square Baffle

CAT NO.	SPECIFICATIONS
EL44127W	10W, 750 lm, 2700K
EL441CT3BZ	10W, 750 lm, 2700K - 3500K CCT SWITCH
EL441CT5W	10W, 750 lm, 2700K - 5000K CCT SWITCH



Round Gimbal

CAT NO.	SPECIFICATIONS
EL41627W	9W, 620 lm, 2700K
EL416CT5W, B, BZ	9W, 650 lm, 2700K - 5000K CCT SWITCH



Square Gimbal

CAT NO.	SPECIFICATIONS
EL446CT5W, B, BZ	11W, 700 lm, 2700K - 5000K CCT SWITCH
EL446HLCT5W HIGHLUMEN	12W, 1000 lm, 2700K - 5000K CCT SWITCH

Round Baffle Gimbal

CAT NO.	SPECIFICATIONS
EL41427W	10W, 625 lm, 2700K
EL41435W	10W, 675 lm, 3500K
EL414CT5W, B	12W, 650 lm, 2700K - 5000K CCT SWITCH

Round Pull Down Adjustable

CAT NO.	SPECIFICATIONS
EL49727W, B, BZ	12.6W, 840 lm, 2700K
EL49730W, B, BZ	12.6W, 840 lm, 3000K

Square Pull Down Adjustable

CAT NO.	SPECIFICATIONS
EL44727W, B, BZ	12.6W, 840 lm, 2700K
EL44730W, B, BZ	12.6W, 840 lm, 3000K

Round Pull Down Adjustable (2nd Generation)

CAT NO.	SPECIFICATIONS
EL49727W2, BZ2	11W, 950 lm, 2700K
EL49730W2, BZ2	11W, 950 lm, 3000K

*Finishes: **W** - All White, **B** - All Black, **BZ** - All Bronze, **C** - Chrome w/White Ring, **H** - Haze w/White Ring

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Compatible Products

For use with Dedicated **4" IC LED MAX. Adjustability LED Housings**

4" Cedar™ LED Light Engines

Round Reflector

E410R
Finishes:
(W, BB, BZ, B, C, H, MW, MB)

Round Wall Wash Reflector

E411R
Finishes:
(W, BB, BZ, B, C, H, MW, MB)

Round Drop Glass

E412R
Finishes:
(W, BB, BZ, B, C, H, MW, MB)

Round Baffle

E414R
Finishes:
(W, BB, BZ, B)

Square on Square Baffle

E415R
Finishes:
(W, BZ)

Square on Square Reflector

E417R
Finishes:
(W, BZ, C, H)

Square on Round Reflector

E420R
Finishes:
(W, BB, BZ, C, H, MW, MB)

Square on Round Baffle

E424R
Finishes:
(W, BB, BZ, B)

PRODUCT NUMBER BUILDER

4" LED Module & Driver	Style		Lumens		Color Temperature		Finish	
E4								
	10R	Round Reflector	**08**	850 lm (10.5W)	**27**	2700K	**W**	All White
	11R	Round Wall Wash Reflector			**30**	3000K	**BB**	All Black
	12R	Round Drop Glass			**35**	3500K	**BZ**	All Bronze
	14R	Round Baffle			**40**	4000K	**B**	Black w/White Ring
	15R	Sq. on Sq. Baffle			**SD**	Sunset Dimming	**C**	Chrome w/White Ring
	17R	Sq. on Sq. Reflector					**H**	Haze w/White Ring
	20R	Sq. on Round Reflector					**MW**	Matte White
	24R	Sq. on Round Baffle					**MB**	Matte Black

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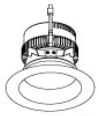
Compatible Products

For use with Dedicated **4" IC MAX. Adjustability LED Housings**

4" Ply™ 120/277V LED Inserts



Round Insert with 5-CCT and 3-Lumen Switch
EL475CT5D
Finishes:
(W, H, BB, HW)

Round Insert
EL49530D
Finishes:
(W)

*Finishes: **W** - All White, **BB** - All Black, **H** - All Haze, **HW** - Haze w/White Ring

**Must be used with PLY™ Housings for 0-10V dimmability (EL490ICDXA, EL490RICDXA, EL492ICDXA, EL492RICDXA). With non-ply housing this is non-dimmable, 120-277V input only.*

4" Ply™ 120/277V Adjustable LED Inserts

Round Adjustable Gimbal
EL414
Finishes:
(DXW, DXB)

Round Adjustable Insert
EL497
Finishes:
(DXW, DXB, DXBZ DXN)

Square Adjustable Insert
EL447
Finishes:
(DXW, DXB, DXBZ DXN)

ACCESSORIES

Interchangeable Lens
(For EL497 & EL447 Series only)

EP710C	20° Beam
EP712C	60° Beam

PRODUCT NUMBER BUILDER

4" 120/277V Adjustable LED Inserts	Style		Color Temperature		Finish	
EL4						
	14	Adjustable Gimbal	**27D**	2700K	**DXW**	All White
	97	Round Adjustable	**30D**	3000K	**DXB**	All Black
	47	Square Adjustable			**DXBZ**	All Bronze
					DXBN	All Nickel

4" Accessories

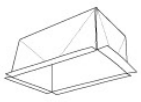
Emergency Battery Backup

CAT NO.	SPECIFICATIONS
KEM-LD5	8W, 120/277V

* Requires access from above

Fire Cover

CAT NO.	SPECIFICATIONS
FIRECVR	9 ¾" H x 17" O.D.



Fire Enclosure

CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜" L x 14 ⅜" W
FIREENCL-S	Shallow, 16" L x 14 ⅜" W

Mica Fire Tape

CAT NO.	SPECIFICATIONS
FIRETAPE	¾" W x 16' L

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