ELCO Lighting

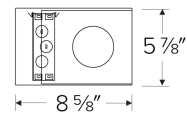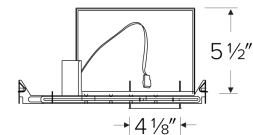# 4" Max. Adjustability New Construction IC Airtight Housing

Features

- IC Airtight for direct contact with insulation
- 120V Quick Connect for easy module installation
- Integrated collar allows for use with ⅝" thick to 1½" thick ceilings
- Limited 5 year warranty

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.

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.
- UL Listed for Damp Location.
- UL Listed for Wet Location with select trims.
- UL Listed for Feed Through.
- UL 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.
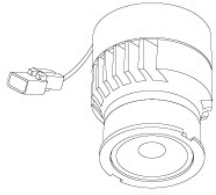
Specifications

Voltage	120V
Dimmable	Triac/ELV

Dimensions

5 ½"
4 ⅛"
5 ⅞"
8 ⅝"

Product Numbers

Item	Voltage	Dimming
EL485ICA	120V	Triac/ELV

Compatible Products

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

Koto™ LED Module

Koto™ LED Module
ELK07, ELK09, & ELK11

PRODUCT NUMBER BUILDER			
Koto™ LED Module	Lumens	Color Temperature	Beam Angle
ELK			

	Lumens		Color Temperature		Beam Angle	
	07	750 lm	**27**	2700K	**(blank)**	38° lens (Standard)
	09	950 lm	**30**	3000K	**-S**	18° lens
	11	1150 lm	**35**	3500K	**-N**	25° lens
			40	4000K	**-W**	60° lens
			SD	Sunset Dimming (For ELK09 & ELK11)	**-FC**	18° - 50° Adjustable (ELK07 Only)

Koto™ LED Module with 5-CCT Switch

Product Number	
ELK08CT5	825 lm
ELK10CT5	1000 lm

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

Must be used with Maximum Adjustability Housing

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)

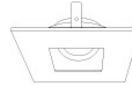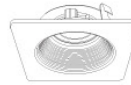**Adjustable Spot**
ELK4188
Finishes:
(W, B, BZ)

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

Adjustable Gimbal
ELK4229
Finishes:
(W, BB, BZ, B, C, H)
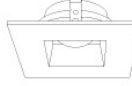
Adjustable Pinhole
ELK4227
Finishes:
(B, BB, BZ)

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

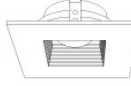**Adj. Slot Rotatable Aperture**
ELK4220
Finishes:
(W)

Adjustable Wall Wash
ELK4222
Finishes:
(W)

Adjustable Reflector
ELK4282
Finishes:
(W)

Adjustable Baffle
ELK4284
Finishes:
(W)

Compatible Products

ELCO Lighting

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
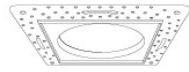Finishes:
(W, B, H)

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)
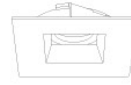
Square Reflector
ELK4741
Finishes:
(WW, BB, BZBZ, BW, HW)
Not for Remodel Housing
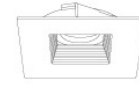
Square Baffle
ELK4743
Finishes:
(WW, BB, BZBZ, BW)
Not for Remodel Housing

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

Compatible Products

ELCO Lighting

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

HIGHLUMEN

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	12W, 1000 lm, 2700K - 5000K CCT SWITCH

HIGHLUMEN

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
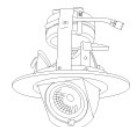
Round Pull Down Adjustable

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

Compatible Products

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

ELCO Lighting

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

Compatible Products

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

4" Ply™ 120/277V LED Inserts
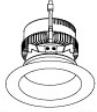
**Round Insert with 5-CCT
and 3-Lumen Switch**
EL475CT5D
Finishes:
(W, H, BB, HW)

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

ACCESSORIES

Round Adjustable Gimbal

EL414
Finishes:
(DXW, DXB)

Round Adjustable Insert

EL497
Finishes:
(DXW, DXB, DXBZ DXN)

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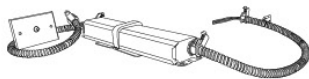
EL447
Finishes:
(DXW, DXB, DXBZ DXN)

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