ELCO Lighting

Project name:

Fixture type:

Date:

6" Remodel Dedicated IC Airtight Housing

Features

- IC Airtight for direct contact with insulation.
- With quick connect terminal.
- Meets Title 24 requirements. ENERGY STAR® Certified.
- Trims and inserts sold separately.

Specifications

Wattage	24W
Voltage	120/277V
Damp Location	Listed

Technical Details

Construction:
- Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/4" 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 2x8 joists or taller joists are used. Maximum hole cutout is 6 1/2". Suitatble 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 slots. 4 Romex pryouts with strain relief.

Electrical:
- Input Voltage: 120V AC.
- Inherently protected.

Trims: Compatible with ELCO 6" LED Inserts.

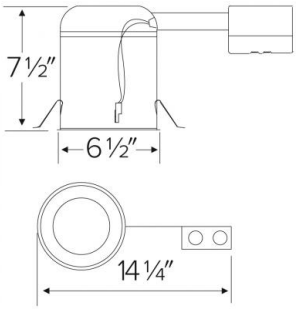
Dimmability:
- Dimmability based on lamp.

Lamp: Designed for use with ELCO 6" LED inserts, LED modules, or PSA37 with 6" MR16 trims.

Listings:
- 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/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 3 years.

Dimensions



Product Number

Item	Watts	Voltage
EL770RICA	24W	120/277V

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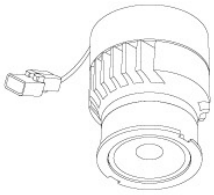
Compatible Products

For use with Dedicated **6" IC LED Housings**

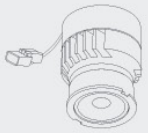
Koto™ LED Module



Koto™ LED Module
ELK07, ELK09, & ELK11

PRODUCT NUMBER BUILDER

Koto™ LED Module	Lumens	Color Temperature	Beam Angle
ELK			
	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*

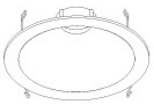
Snoot

L50W	White
L50B	Black

Secondary Optics

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

6" Twist-On Trims



Pex™ Reflector
ELK6418
Finishes:
(W, BB, BZ, H)

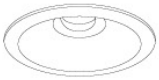
Flexa™ Adjustable Reflector
ELK629
Finishes:
(WW, BB, BZBZ, BW, CW, HW)

Flexa™ Adjustable Baffle
ELK693
Finishes:
(WW, BB, BZBZ, BW)

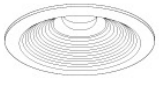
Unique™ Wall Wash
ELK6715
Finishes:
(W, BZ)

Adjustable Slot Aperture
ELK6420
Finishes:
(W)

Flexa™ Reflector
ELK610
Finishes:
(WW, BB, BZBZ, BW, CC, CW, CN, HW)



Unique™ Reflector
ELK6710
Finishes:
(W, B, BZ)



Unique™ Baffle
ELK6713
Finishes:
(W, BZ)

*Finishes: **W** - All White, **WW** - All White, **B** - Black, **BB** - All Black, **BZ** - All Bronze, **CC** - All Chrome, **BZBZ** - All Bronze, **BW** - Black Reflector w/White Ring, **CW** - Chrome Reflector w/White Ring, **CN** - Chrome Reflector w/Nickel Ring, **HW** - Haze Reflector w/White Ring

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Compatible Products

For use with Dedicated **6" IC LED Housings**

6" LED Light Engines

Round Builder Reflector Insert

CAT NO.	SPECIFICATIONS
EL65527W	10W, 800 lm, 2700K
EL655CT5W	10W, 700 lm, 2700K - 5000K CCT SWITCH

Round Reflector

CAT NO.	SPECIFICATIONS
EL61527W, BZ	10W, 800 lm, 2700K
EL61530W	10W, 850 lm, 3000K
EL61535W	10W, 900 lm, 3500K
EL61540W	10W, 900 lm, 4000K
EL61550W	10W, 950 lm, 5000K
EL615CT5W, BB, BZ	12W, 850 lm - 880 lm, 2700K - 5000K CCT SWITCH

Round Reflector

CAT NO.	SPECIFICATIONS
EL61740W	14W, 1100 lm, 4000K
EL617CT5W	17W, 1100 lm, 2700K - 5000K CCT SWITCH

Round Reflector

CAT NO.	SPECIFICATIONS
EL62727W	20W, 1400 lm, 2700K
EL627CT5W	20W, 1400 lm, 2700K - 5000K CCT SWITCH

Round Deep Reflector

CAT NO.	SPECIFICATIONS
EL62527W, C, H	14W, 1000 lm, 2700K
EL62530C, H	14W, 1000 lm, 3000K
EL62535C, H	14W, 1100 lm, 3500K
EL62540C, H	14W, 1200 lm, 4000K
EL625CT5W, H	15W, 1000 lm, 2700K - 5000K CCT SWITCH

Round Reflector

CAT NO.	SPECIFICATIONS
EL615SDW, BZ	10W, 750 lm, Sunset

Round Baffle

CAT NO.	SPECIFICATIONS
EL61027W	9W, 800 lm, 2700K
EL61030W	9W, 850 lm, 3000K
EL61040W	9W, 900 lm, 4000K
EL610CT5W, BB	12W, 880 lm, 2700K - 5000K CCT SWITCH

Round Baffle

CAT NO.	SPECIFICATIONS
EL61140W	14W, 1200 lm, 4000K
EL611CT5W	14W, 1200 lm, 2700K - 5000K CCT SWITCH

Round Baffle

CAT NO.	SPECIFICATIONS
EL612CT5W	20W, 1400 lm, 2700K - 5000K CCT SWITCH

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

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Compatible Products

ELCO Lighting

For use with Dedicated **6″ IC LED Housings**

6″ LED Light Engines

Round Adjustable Gimbal

CAT NO.	SPECIFICATIONS
EL61327W, B	17W, 1100 lm, 2700K
EL61330W, B	17W, 1100 lm, 3000K

Round Gimbal

CAT NO.	SPECIFICATIONS
EL616CT3W	13W, 950 lm, 2700K-3500K CCT SWITCH
EL616CT5W, B, BZ	13W, 1000 lm, 2700K - 5000K CCT SWITCH

Round Deep Baffle

CAT NO.	SPECIFICATIONS
EL62127W	14W, 1000 lm, 2700K
EL621CT5W	15W, 1000 lm, 2700K - 5000K CCT SWITCH

Square Reflector

CAT NO.	SPECIFICATIONS
EL662CT5W	16W, 1300 lm, 2700K - 5000K CCT SWITCH

Square Baffle

CAT NO.	SPECIFICATIONS
EL661CT5W	16W, 1300 lm, 2700K - 5000K CCT SWITCH

Round Pull Down Adjustable

CAT NO.	SPECIFICATIONS
EL69727W, B, BZ,	12.6W, 800 lm, 2700K
EL69730W, B, BZ,	12.6W, 840 lm, 3000K

Round Pull Down Adjustable (2nd Generation)

CAT NO.	SPECIFICATIONS
EL69727W2, BZ2	11W, 950 lm, 2700K
EL69730W2, BZ2	11W, 950 lm, 3000K

Round Adjustable Reflector PAR30 Gimbal

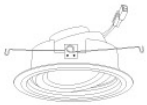
CAT NO.	SPECIFICATIONS
EL377CT5W, B, C	15W, 1050 lm, 2700K - 5000K CCT SWITCH

Round Adjustable Baffle PAR30 Gimbal

CAT NO.	SPECIFICATIONS
EL376CT5W, B, BZ	15W, 1050 lm, 2700K - 5000K CCT SWITCH

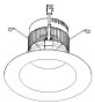
Round Adjustable Reflector PAR38 Gimbal

CAT NO.	SPECIFICATIONS
EL477CT5W, B, C	18W, 1200 lm, 2700K - 5000K CCT SWITCH



Round Adjustable Baffle PAR38 Gimbal

CAT NO.	SPECIFICATIONS
EL476CT5W, B, BZ	18W, 1200 lm, 2700K - 5000K CCT SWITCH



6″ Round Reflector Insert with 5-CCT Switch & 3-Lumen Switch

CAT NO.	SPECIFICATIONS
EL637CT5W, BB LUMEN Switch	14W, 18W, 24W, 1000 - 1500 - 2000 lm, 2700K - 5000K CCT SWITCH

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

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Compatible Products

For use with Dedicated **6" IC LED Housings**

6" Cedar™ LED Light Engines

Round Reflector

E610R
Finishes:
(W, B, BZ, C, G, H)

Round Drop Glass

E612R
Finishes:
(W, B, BZ, C, G, H)

Round Baffle

E614R
Finishes:
(W, B, BZ)

Round Adjustable Baffle

E616R
Finishes:
(W, B, BZ)

Round Adjustable Reflector

E617R
Finishes:
(W, B, BZ, C, H)

PRODUCT NUMBER BUILDER

6" LED Module & Driver	Style		Lumens		Color Temperature		Finish	
E6								
	10R	Round Reflector	**08**	850 lm (10.5W)	**27**	2700K	**W**	All White
	12R	Round Drop Glass	**12**	1250 lm (15.7W)	**30**	3000K	**B**	Black w/White Ring
	14R	Round Baffle			**35**	3500K	**BZ**	All Bronze
	16R	Round Adjustable Baffle			**40**	4000K	**C**	Chrome w/White Ring
	17R	Round Adjustable Reflector			**50**	5000K	**G**	Gold w/White Ring
					SD	Sunset Dimming	**H**	Haze w/White Ring

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Compatible Products

For use with Dedicated **6" IC LED Housings**

6" Ply™ 120/277V LED Inserts

Round Insert with 5-CCT and 3-Lumen Switch

EL685CT5D

Finishes:

(W, BB, CW, HW)

Round Insert

EL695

Finishes:

(DCW)

*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 (EL770ICDXA, EL770RICDXA, EL76FICDXA, EL760ICDXA, EL760RICDXA). With non-ply housing this is non-dimmable, 120-277V input only.*

6" Ply™ 120/277V Adjustable LED Inserts

Round Adjustable Pull Down

EL697

Finishes:

(DXW, DXB, DXBZ)

ACCESSORIES

Interchangeable Lens

(For EL697 Series only)

EP710C	20° Beam
EP712C	60° Beam

PRODUCT NUMBER BUILDER

6" 120/277V Adjustable LED Inserts	Style		Color Temperature		Finish	
EL6						
	97	Round Adjustable	**27D**	2700K (850 lm)	**DXW**	All White
			30D	3000K (900 lm)	**DXB**	All Black
					DXBZ	All Bronze

**Must be used with PLY™ Housings for 0-10V dimmability (EL770ICDXA, EL770RICDXA, EL76FICDXA, EL760ICDXA, EL760RICDXA). With non-ply housing this is non-dimmable, 120-277V input only.*

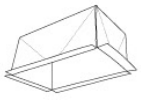
6" Accessories

Emergency Battery Backup

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

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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ELCO Lighting

Dimmer Compatibility Chart for The Standard Poplar™ System

For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

Manufacturer	Product	Part Number	Dimmed Light Output Range
Leviton	SureSlide® Electro-Mechanical Incandescent Slide Dimmer, 600W, 120 VAC 60Hz, Single-Pole	6631	8% - 100%
	SureSlide® 600W, 120 VAC 60Hz, SureSlide Preset Electro-Mechanical Incandescent Slide Dimmer	6633	9% - 100%
	Trimatron Deluxe 3-Way Electro-Mechanical Incandescent Rotary Dimmer with Push ON/OFF	6683-IW	9% - 100%
	IllumaTech Preset Electro-Mechanical, 600W, 120VAC 60Hz, Single-Pole & 3-Way Incandescent Slide Dimmer, LED Locator	IPI06-1LZ	8% - 100%
Lutron	Ariadni® 600W 3-Way Incandescent/Halogen Dimmer	AY-603P	8% - 100%
	Ariadni® C·L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Incandescent/Halogen	AYCL-153P	5% - 100%
	Ariadni® 600W Single Pole, Magnetic Low Voltage Dimmer	AYLV-600P	7% - 100%
	Skylark Contour® Single Pole/3-Way Incandescent/Halogen or Magnetic Low Voltage, Preset Dimmer	CT-103P	6% - 100%
	Skylark Contour® C·L, Single Pole/3-Way Dimmer. 150W Max LED/CFL or 600W Incandescent/Halogen	CTCL-153P	5% - 100%
	Diva® Series Single Pole Dimmer	DV-600P	10% - 100%
	Diva® (gloss) 3-Way, Electronic Low Voltage Dimmer	DVELV-303P	5% - 100%
	Maestro® C·L Single Pole/3-Way/Multi-Location Dimmer. 150W Max for LED/CFL, or 600W Incandescent/Halogen	MACL-153M	3% - 100%
	Maestro® (Gloss) Single Pole/Multi-Location, Electronic Low Voltage Dimmer	MAELV-600	6% - 100%
	Skylark® Series 600W Single Pole	S-600P	10% - 100%
	Skylark® C·L Single Pole/3-Way Dimmer. 150W Max for LED/CFL or 600W Incandescent/Halogen	SCL-153P	5% - 100%
	Skylark® 300W, Single Pole, Electronic Low Voltage, Preset Dimmer	SELV-300P	4% - 100%

*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

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