6" New Construction Dedicated IC Airtight Housing

6" new construction dedicated LED housing. Compatible with 6" LED inserts. Can include step-down transformer.
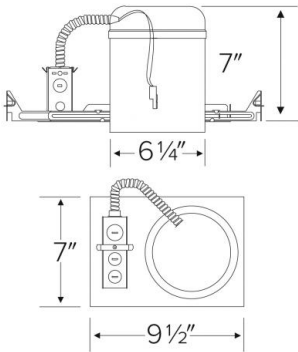
Features

- IC Airtight for direct contact with insulation.
- With quick connect terminal.
- Transformer (EL770ICA-7 only): 277V to 120V step-down transformer.
- Meets Title 24 requirements. ENERGY STAR® Certified.
- Trims and inserts sold separately.

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. High strength hanger bars can easilty be nailed to joists. Maximum hole cutout is 6 1/4". 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. Pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed 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 with the -EM7 Emergency Battery Backup.

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 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

Wattage	24W MAXW
Voltage	120/277V or 277V
Damp Location	Listed

Dimensions

7"

6 1/4"

7"

9 1/2"

Product Numbers

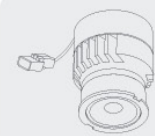| Item	Description	Watts	Voltage
EL770ICA		24W MAX	120/277V
EL770ICA-7	with Step-down Transformer 277V to 120V	24W MAX	277V
EL770ICA-EM5	Emergency Battery Backup	24W MAX	120/277V

Compatible Products

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

Koto™ LED Module

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)
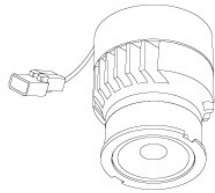
Koto™ LED Module
ELK07, ELK09, & ELK11

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
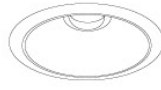ELK693
Finishes:
(WW, BB, BZBZ, BW)

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

Adjustable Slot Aperture
ELK6420
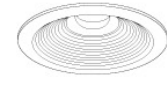Finishes:
(W)

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

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

HIGHLUMEN Round Reflector

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

EXTRA HIGHLUMEN Round Reflector

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

HIGHLUMEN 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

DIMS TO WARM SUNSET DIMMING TECHNOLOGY 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

HIGHLUMEN Round Baffle

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

EXTRA HIGHLUMEN 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

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**
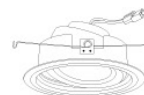
Round Adjustable Baffle PAR30 Gimbal

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

Compatible Products

ELCO Lighting

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

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

ACCESSORIES

Round Adjustable Pull Down
EL697
Finishes:
(DXW, DXB, DXBZ)

Interchangeable Lens
(For EL697 Series only)
EP710C   20º Beam
EP712C   60º 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
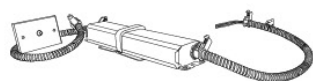
CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜″ L x 14 ⅜″ W
FIREENCL-S	Shallow, 16″ L x 14 ⅜″ W

Mica Fire Tape

CAT NO.	SPECIFICATIONS
FIRETAPE	¾″ W x 16′ L