ELCO Lighting

Project name:

Fixture type:

Date:

4" Cedar System Non-IC New Construction Housing w/Driver



Non-IC Airtight housing for high-end residential and light commercial, 850 to 1250 lumens.

Features

- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 4" LED Light Engines.
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

Specifications

Lumens	850 lm - 1250 lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, Triac/ELV/0-10V, Sunset
Power Factor	≥0.95
Damp Location	Listed

Options

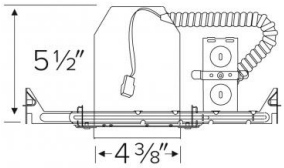


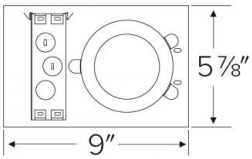
Optional Butterfly Bracket



Optional EM

Dimensions





Technical Details

Construction:

- Non-IC Frame for non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.

Installation:

- Designed for ceiling plenums where 2x6 joists or taller are used.
- High strength hanger bars can easily be nailed to joists.
- Suitable for T-grid and drop ceiling applications.
- See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Two 3/4" knockouts, Seven 1/2" trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

Hanger Bars: Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 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 easily aligning the housings with the joists.

Electrical:

- Driver is rated for 120V and 277V input (120/277V).
- High Efficiency driver with a power factor > 0.95.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

Dimmability:

- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a full list of dimmers refer to the Dimmer Compatibility List.

Listings: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Feed Through.

Product Numbers

Item	Lumens	Voltage	Dimming
E4LC082	850 lm	120V	Triac/ELV
E4LC08D2	850 lm	120/277V	Triac/ELV/0-10V
E4LC08SD	850 lm	120/277V	Sunset
E4LC122	1250 lm	120V	Triac/ELV
E4LC12D2	1250 lm	120/277V	Triac/ELV/0-10V
E4LC12SD	1250 lm	120/277V	Sunset

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Product Number Builder Example: **E4LC082**

ELCO Cedar 4" Housing	Lumens	Dimming	Generation	Optional
E4LC				
	08 850 lm	120V Triac/ELV	**2** Gen 2	No EM
	12 1250 lm	**D** 120/277V Triac/ELV/0-10V	Gen 1	**EM1** Emer. Backup up to 700 lm
		SD Sunset		**EM2** Emer. Backup to 1100 lm
		L Lutron		

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Compatible Products

For use with **4" Cedar™ IC and Non-IC LED housings**

4" Cedar™ LED Light Engines



Round Reflector Trim
E410C
Finishes:
(W, B, C, H, BZ, BB, MW, MB)



Wall Wash Reflector Trim
E411C
Finishes:
(W, B, C, H, BZ, BB, MW, MB)



Drop Glass Reflector Trim
E412C
Finishes:
(W, B, C, H, BB, MW, MB)



Round Baffle Trim
E414C
Finishes:
(W, B, BZ, BB)



Round Pinhole Trim
E429C
Finishes:
(W, B, C)



Square on Sq. Baffle Trim
E415C
Finishes:
(W, BZ)



Square on Sq. Reflector Trim
E417C
Finishes:
(W, BZ)



Round on Sq. Reflector Trim
E420C
Finishes:
(W, C, H, BZ, BB)



Round on Sq. Baffle Trim
E424C
Finishes:
(W, B, BZ, BB)



Round Adjustable Trim
E418C
Finishes:
(W, C, BB, BZ)



Square Adjustable Trim
E428C
Finishes:
(W, C, BB, BZ)

PRODUCT NUMBER BUILDER

4" Cedar™ Trim	Style	Lumen	Color Temperature	Finish
E4				
	10C Reflector	**08** 850 lm (8.76W)	**27** 2700K	**W** All White
	11C Wall Wash	**12** 1250 lm (12.88W)	**30** 3000K	**B** Black w/White Ring
	12C Drop Glass		**35** 3500K	**BZ** All Bronze
	14C Baffle		**40** 4000K	**BB** All Black
	15C Sq. on Sq. Baffle		**50** 5000K	**C** Chrome w/White Ring
	17C Sq. on Sq. Reflector		**SD** Sunset Dimming	**H** Haze w/White Ring
	18C Round Adjustable			**MW** Matte White
	20C Round on Sq. Reflector			**MB** Matte Black
	24C Round on Sq. Baffle			
	28C Square Adjustable			

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Compatible Products

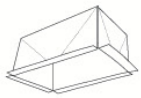
For use with **4" Cedar™ Non-IC LED housings**

4" Accessories



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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