

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		
Voltage	120V		
Dimmable	Triac/ELV		
Power Factor ≥0.95			
Damp Location Listed			

Options





Optional Butterfly Bracket

Optional EM

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.

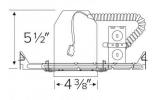
Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

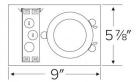
Dimmability:

- 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.

Dimensions





Product Number

Item	Lumens	Voltage	Dimming	
E4LC082	850 lm	120V	Triac/ELV	

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
		SD	Sunset				' Im
		L	Lutron			EM2	Emer. Backup to 1100

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 N	NUMBE	R BUILDER		
4" Cedar™ Trim	1	Style		Lumen]	Color Temperature	1	Finish
	10C	Reflector	08	850 lm (8.76W)	27	2700K	w	All White
	11C	Wall Wash	12	1250 lm (12.88W)	30	3000K	В	Black w/White Ring
	12C	Drop Glass			35	3500K	BZ	All Bronze
	14C	Baffle			40	4000K	ВВ	All Black
	15C	Sq. on Sq. Baffle			50	5000K	С	Chrome w/White Ring
	17C	Sq. on Sq. Reflector			SD	Sunset Dimming	Н	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						

Compatible Products



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

4" Accessories



Fire Cover

CAT NO.	SPECIFICATIONS				
FIRECVR	9 3/4" H x 17" O D				



Fire Enclosure

CAT NO.	SPECIFICATIONS
FIREENCL	20 %" L x 14 %" W
FIREENCL-S	Shallow,
	16" L x 14 3/8" W



Mica Fire Tape

CAT NO.	SPECIFICATIONS
EIDETADE	3/4" \N/ \ 16'