EL ELCO Lighting

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.

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).
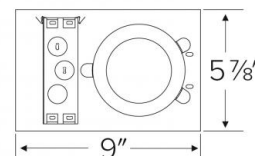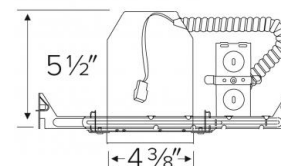- High Efficiency driver with a power factor > 0.95.

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

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

5 1/2"   4 3/8"   5 7/8"   9"

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

Product Number Builder   Example: **E4LC082**

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

Compatible Products

ELCO Lighting

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						

Compatible Products

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

ELCO Lighting

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