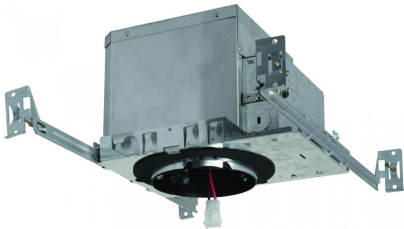# 4" Cedar System Non-IC New Construction Housing w/ Driver

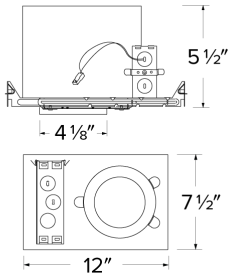Non-IC Airtight housing for high-end residential and light commercial, 1600 lumens.

Features

- 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	1600 lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, Triac/ELV/0-10V, Sunset

Dimensions

5 ½"

4 ⅛"

7 ½"

12"

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.

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.

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.

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

Product Numbers

Item	Lumens	Voltage	Dimming
E4LC162	1600 lm	120V	Triac/ELV
E4LC16D2	1600 lm	120/277V	Triac/ELV/0-10V
E4LC16SD	1600 lm	120/277V	Sunset

Product Number Builder   Example: **E4LC162**

ELCO Cedar 4" Housing	Lumens	Dimming	Generation	Optional
E4LC	**16** 1600 lm	120V Triac/ELV **D** 120/277V Triac/ELV/0-10V **SD** Sunset **L** Lutron	**2** Gen 2 Gen 1	No EM **EM1** Em. battery up to 700 lm **EM2** Em. battery up to 1100 lm

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	**16**	1600 lm (18W)	**27**	2700K	**W**	All White
	11C	Wall Wash			**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**

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