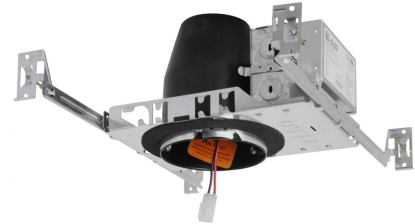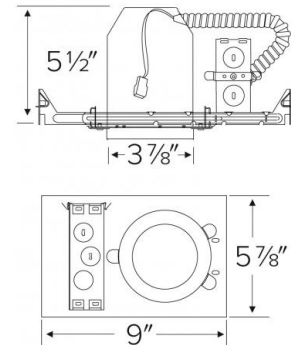# 3" IC Airtight Single Wall Housing with Driver

Features

- cUL Listed for direct contact with insulation.
- 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 3" 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	120/277V or 120V
Dimmable	Triac/ELV, Triac/ELV/0-10V, Sunset
Power Factor	≥0.95
Damp Location	Listed

Dimensions

5½"   3⅞"

5⅞"   9"

Technical Details

Construction: Single wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. 850 lumens. Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

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.

Listings: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through.

Product Numbers

Item	Lumens	Voltage	Dimming
E3LC08ICA2	850 lm	120V	Triac/ELV
E3LC08ICAD2	850 lm	120/277V	Triac/ELV/0-10V
E3LC08ICASD	850 lm	120/277V	Sunset

Product Number Builder   Example: **E3LC08ICA2**

ELCO Cedar 3" Housing	Lumens	IC Airtight	Dimming	Generation	Option
E3LC	**08** 850 lm	**ICA** ICA	120V Triac/ELV	**2** Gen 2	No EM
			D 120/277V Triac/ELV/0-10V	Gen 1	**EM1** Emer. Backup up to 700 lm
			SD Sunset		**EM2** Emer. Backup up to 1100lm
			L Lutron		

Compatible Products

For use with **3″ Cedar™ IC LED housings**

EL **ELCO** Lighting

3″ Cedar™ LED Light Engines

Round Reflector Trim
E310C
Finishes:
(W, B, BB, BZ, C, H)

Round Baffle Trim
E314C
Finishes:
(W, B, BB, BZ)

Square Pinhole Trim
E315C
Finishes:
(W, B, C)

Square Reflector Trim
E320C
Finishes:
(W, BB, BZ, C)

Round Pinhole Trim
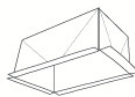**E329C**
Finishes:
(W, B, C)

PRODUCT NUMBER BUILDER				
3″ Cedar™ Trim	Style	Lumen	Color Temperature	Finish
E3				
	10C Round Reflector	**08** 850 lm	**27** 2700K	**W** All White
	14C Round Baffle		**30** 3000K	**B** Black w/White Ring
	15C Square Pinhole		**35** 3500K	**BB** All Black
	20C Square Reflector		**40** 4000K	**BZ** All Bronze
	29C Pinhole Trim		**50** 5000K	**C** Chrome w/White Ring
			SD Sunset Dimming	**H** Haze w/White Ring

3″ 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