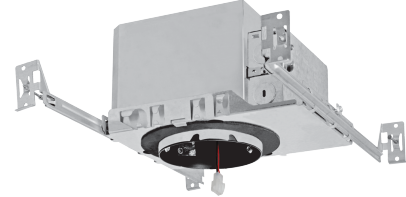


# 4" Trimless Cedar System New Construction IC Airtight Housing w/Driver

IC Airtight housing for trimless, high-end residential and light commercial, 850-1600 lumens.



## Features

- cUL Listed for direct contact with insulation.
- Compatible with 2 x 8 construction.
- 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" Trimless 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

<b>Wattage</b>	12.5 MAXW
<b>Lumens</b>	850 lm - 1600 lm
<b>Voltage</b>	120/277V or 120V
<b>Dimmable</b>	Triac/ELV, Triac/ELV/0-10V, Sunset
<b>Power Factor</b>	≥0.95
<b>Damp Location Listed</b>	

## Technical Details

### Construction:

- For use in IC and non-IC conditions. Up to 1600 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.

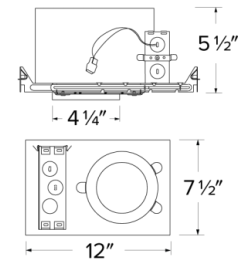
**Emergency Battery Pack:** Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

### Dimmability:

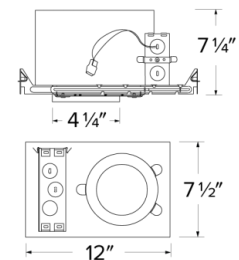
- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a full list of dimmers refer to the Dimmer Compatibility List.

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

## E4TL08ICA Dimensions



## E4TL16ICA Dimensions



## Product Numbers

Item	Description	Lumens	Watts	Voltage	Dimming
E4TL08ICA2		850 lm		120V	Triac/ELV
E4TL08ICAD2		850 lm		120/277V	Triac/ELV/0-10V
E4TL08ICASD		850 lm		120/277V	Sunset
E4TL12ICA2		1250 lm		120V	Triac/ELV
E4TL12ICAD2		1250 lm		120/277V	Triac/ELV/0-10V
E4TL12ICASD		1250 lm		120/277V	Sunset
E4TL16ICA2		1600 lm		120V	Triac/ELV
E4TL16ICAD2		1600 lm		120/277V	Triac/ELV/0-10V
E4TL16ICASD		1600 lm		120/277V	Sunset
E4TL08ICA2EM7	Emergency Battery Backup		12.5 MAX		Triac/ELV
E4TL08ICAD2EM7	Emergency Battery Backup		12.5 MAX		Triac/ELV/0-10V

Item	Description	Lumens	Watts	Voltage	Dimming
E4TL081CASDEM7	Emergency Battery Backup		12.5 MAX		Sunset

## Product Number Builder Example: E4TL08ICA2

ELCO Cedar 4" Trimless Housing

**E4TL**

Lumens

- 08** 850 lm
- 12** 1250 lm
- 16** 1600

IC Airtight

**ICA** ICA

Dimming

- 120V Triac/ELV
- D** Triac/ELV/0-10V
- SD** Sunset
- L** Lutron

Generation

- 2** Gen 2
- Gen 1

Optional

- No EM
- EM1** Emer. Backup up to 700 lm
- EM2** Emer. Backup to 1100 lm
- EM7** Emer. Backup 12.5W MAX

# Compatible Products

For use with 4" Cedar™ Trimless IC LED housings with Driver

## 4" Cedar™ Trimless LED Light Engines



**Round Reflector Trim**

**E430C**  
Finishes:  
(W, B, BZ)



**Round Baffle Trim**

**E434C**  
Finishes:  
(W, B, BZ)



**Square Reflector Trim**

**E444C**  
Finishes:  
(W, B, BZ)

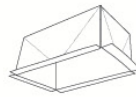
PRODUCT NUMBER BUILDER				
4" Cedar™ Trimless	Style	Lumen	Color Temperature	Finish
<b>E4</b>				
	<b>30C</b> Round Reflector	<b>08</b> 850 lm	<b>27</b> 2700K	<b>W</b> All White
	<b>34C</b> Round Baffle	<b>12</b> 1250 lm (Round only)	<b>30</b> 3000K	<b>B</b> All Black
	<b>44C</b> Square Reflector	<b>16</b> 1600 lm (Round only)	<b>35</b> 3500K	<b>BZ</b> All Bronze
			<b>40</b> 4000K	
			<b>50</b> 5000K	
			<b>SD</b> Sunset Dimming	

## 4" Cedar™ Trimless Accessories



**Fire Cover**

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



**Fire Enclosure**

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



**Mica Fire Tape**

CAT NO.	SPECIFICATIONS
FIRETAPE	3/4" W x 16' L