

# 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.



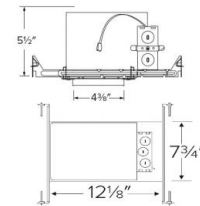
## Features

- UL Listed for direct contact with insulation.
- Compatible with 2 x 8 construction.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- ENERGY STAR® Certified.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 4" Trimless LED Light Engines.

## Specifications

<b>Lumens</b>	1250 lm
<b>Voltage</b>	120/277V
<b>Dimmable</b>	Triac/ELV/0-10V
<b>Power Factor</b>	≥0.95
<b>Damp Location</b>	Listed

## Dimensions



## 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.

### 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 Direct Contact with Insulation and Combustible Material. UL Listed for Feed Through.

## Product Number

Item	Lumens	Voltage	Dimming
<b>E4TL12ICAD</b>	1250 lm	120/277V	Triac/ELV/0-10V

---

# Product Number Builder

Example: **E4TL08ICA**

---

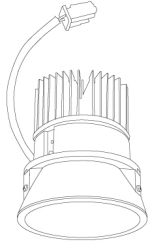
ELCO Cedar 4" Trimless Housing	Lumens	IC Airtight	Dimming	Optional
<b>E4TL</b>				
	<b>08</b> 850 lm <b>12</b> 1250 lm <b>16</b> 1600	<b>ICA</b> ICA	<b>(Blank)</b> 120V Triac/ELV <b>D</b> Triac/ELV/0-10V <b>SD</b> Sunset <b>L</b> Lutron	No EM <b>EM1</b> Emer. Backup up to 700 lm <b>EM2</b> Emer. Backup to 1100 lm

---

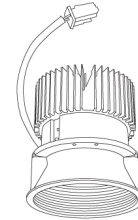
# Compatible Products

For use with 4" Cedar™ Trimless IC LED Housings

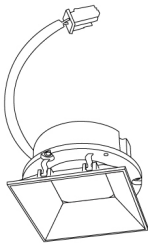
## 4" Cedar™ Trimless LED Light Engines



**E430C**  
Round Reflector Trim



**E434C**  
Round Baffle Trim



**E440C**  
Square Reflector Trim

### PRODUCT NUMBER BUILDER

Trim	Lumen	Color Temperature	Finish
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>E430C</b> Reflector	<b>08</b> 850 lm	<b>27</b> 2700K	<b>W</b> All White
<b>E434C</b> Round Baffle	<b>12</b> 1250 lm (Round only)	<b>30</b> 3000K	<b>B</b> All Black
<b>E440C</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	