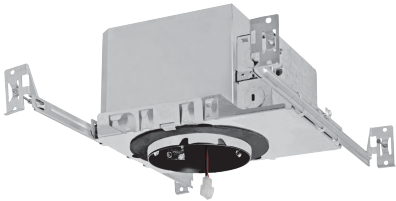


# 4" Trimless Cedar System New Construction IC Airtight Housing w/Driver

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>Lumens</b>               | 1600 lm  |
| <b>Voltage</b>              | 120/277V |
| <b>Dimmable</b>             | 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.

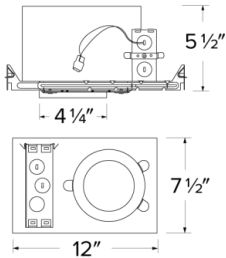
**Emergency Battery Pack:** Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

### Dimmability:

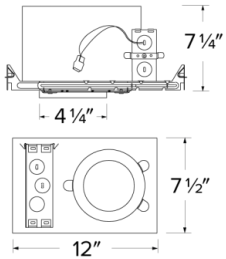
- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a full list of dimmers refer to the Dimmer Compatibility List.

**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 Number

| Item               | Lumens  | Voltage  | Dimming |
|--------------------|---------|----------|---------|
| <b>E4TL16ICASD</b> | 1600 lm | 120/277V | Sunset  |

Product Number Builder

Example: E4TL08ICA2

|                                |                                    |             |                                                              |                  |                                                                                                     |
|--------------------------------|------------------------------------|-------------|--------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------|
| ELCO Cedar 4" Trimless Housing | Lumens                             | IC Airtight | Dimming                                                      | Generation       | Optional                                                                                            |
| E4TL                           |                                    |             |                                                              |                  |                                                                                                     |
|                                | 08 850 lm<br>12 1250 lm<br>16 1600 | ICA ICA     | 120V Triac/ELV<br>D Triac/ELV/0-10V<br>SD Sunset<br>L Lutron | 2 Gen 2<br>Gen 1 | No EM<br>EM1 Emer. Backup up to 700 lm<br>EM2 Emer. Backup to 1100 lm<br>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,<br>16" L x 14 3/8" W |



Mica Fire Tape

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