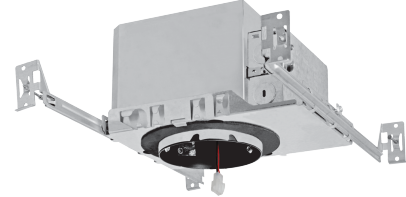Project name: _____

Fixture type: _____

Date: _____

# 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.
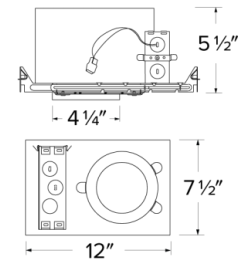
## Features

- 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.

## 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).
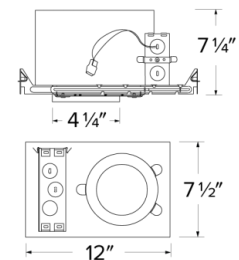- High Efficiency driver with a power factor > 0.95.

**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.

## Specifications

| | |
|---|---|
| **Wattage** | 12.5 MAXW |
| **Dimmable** | Triac/ELV |
| **Power Factor** | ≥0.95 |
| **Damp Location** | Listed |

## E4TL08ICA Dimensions



## E4TL16ICA Dimensions



## Product Number

| Item | Description | Watts | Dimming |
|---|---|---|---|
| **E4TL08ICA2EM7** | Emergency Battery Backup | 12.5 MAX | Triac/ELV |

# Product Number Builder    Example: **E4TL08ICA2**

| ELCO Cedar 4" Trimless Housing | Lumens | IC Airtight | Dimming | Generation | Optional |
|---|---|---|---|---|---|
| **E4TL** | | | | | |
| | **08** 850 lm | **ICA** ICA | 120V Triac/ELV | **2** Gen 2 | No EM |
| | **12** 1250 lm | | **D** Triac/ELV/0-10V | Gen 1 | **EM1** Emer. Backup up to 700 lm |
| | **16** 1600 | | **SD** Sunset | | **EM2** Emer. Backup to 1100 lm |
| | | | **L** Lutron | | **EM7** Emer. Backup 12.5W MAX |

# Compatible Products

**EL ELCO** Lighting

## 4″ Cedar™ Trimless LED Light Engines

**Round Reflector Trim**
**E430C**
Finishes:
(W, B, BZ)

**Round Baffle Trim**
**E434C**
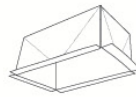Finishes:
(W, B, BZ)

**Square Reflector Trim**
**E444C**
Finishes:
(W, B, BZ)

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

## 4″ Cedar™ Trimless 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 |