

# 4" Cedar System New Construction Foam Insulated R-60 Housing w/Driver



For R-60 Foam Insulation for use with Cedar System LED Light Engines.

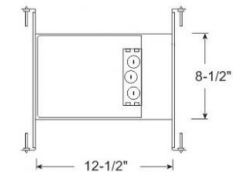
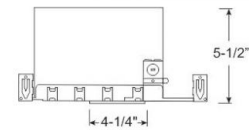
## Features

- R-60 foam insulation acts as a sound barrier minimizing sound transfer between floors.
- 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" 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>	15 MAXW
<b>Lumens</b>	850 lm - 1250 lm
<b>Voltage</b>	120/277V
<b>Dimmable</b>	Triac/ELV/0-10V
<b>Power Factor</b>	≥0.95
<b>Damp Location Listed</b>	

## Dimensions



## Technical Details

**Construction:** Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. Up to 1250 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. Emergency Battery Back-up Option requires access from above.

**Junction Box:** Positioned to accommodate straight conduit runs. Two 3/4" knockouts.

**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.

## Product Numbers

Item	Description	Lumens	Watts	Voltage	Dimming
<b>E4AJ08ICAD2</b>		850 lm		120/277V	Triac/ELV/0-10V
<b>E4AJ12ICAD2</b>		1250 lm		120/277V	Triac/ELV/0-10V
<b>E4AJ08ICAD2EM7</b>	Emergency Battery Backup		15 MAX	120/277V	Triac/ELV/0-10V
<b>E4AJ12ICAD2EM7</b>	Emergency Battery Backup		15 MAX	120/277V	Triac/ELV/0-10V

# Product Number Builder

Example: **E4AJ08ICAD2**

ELCO Cedar 4" Foam Insulated Housing

**E4AJ**

Lumens

- 08** 850 lm
- 12** 1250 lm

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 15W MAX

# Compatible Products



For use with 4" Cedar™ IC LED housings

## 4" Cedar™ LED Light Engines



**Round Reflector Trim**

**E410C**

Finishes:

(W, B, C, H, BZ, BB, MW, MB)



**Wall Wash Reflector Trim**

**E411C**

Finishes:

(W, B, C, H, BZ, BB, MW, MB)



**Drop Glass Reflector Trim**

**E412C**

Finishes:

(W, B, C, H, BB, MW, MB)



**Round Baffle Trim**

**E414C**

Finishes:

(W, B, BZ, BB)



**Round Pinhole Trim**

**E429C**

Finishes:

(W, B, C)



**Square on Sq. Baffle Trim**

**E415C**

Finishes:

(W, BZ)



**Square on Sq. Reflector Trim**

**E417C**

Finishes:

(W, BZ)



**Round on Sq. Reflector Trim**

**E420C**

Finishes:

(W, C, H, BZ, BB)



**Round on Sq. Baffle Trim**

**E424C**

Finishes:

(W, B, BZ, BB)



**Round Adjustable Trim**

**E418C**

Finishes:

(W, C, BB, BZ)



**Square Adjustable Trim**

**E428C**

Finishes:

(W, C, BB, BZ)

### PRODUCT NUMBER BUILDER

4" Cedar™ Trim	Style	Lumen	Color Temperature	Finish
<b>E4</b>				
<b>10C</b>	Reflector	<b>08</b> 850 lm (8.76W)	<b>27</b> 2700K	<b>W</b> All White
<b>11C</b>	Wall Wash	<b>12</b> 1250 lm (12.88W)	<b>30</b> 3000K	<b>B</b> Black w/White Ring
<b>12C</b>	Drop Glass		<b>35</b> 3500K	<b>BZ</b> All Bronze
<b>14C</b>	Baffle		<b>40</b> 4000K	<b>BB</b> All Black
<b>15C</b>	Sq. on Sq. Baffle		<b>50</b> 5000K	<b>C</b> Chrome w/White Ring
<b>17C</b>	Sq. on Sq. Reflector		<b>SD</b> Sunset Dimming	<b>H</b> Haze w/White Ring
<b>18C</b>	Round Adjustable			<b>MW</b> Matte White
<b>20C</b>	Round on Sq. Reflector			<b>MB</b> Matte Black
<b>24C</b>	Round on Sq. Baffle			
<b>28C</b>	Square Adjustable			

# Compatible Products

For use with 4" Cedar™ IC LED housings



## 4" 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