

# 6" Cedar System Remodel IC Airtight Housing w/Driver

IC Airtight remodel housing for residential and light commercial, 850 to 1250 lumens.



## Features

- cUL Listed for direct contact with insulation.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Meets Title 24 requirements.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 6" 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

|                      |                                       |
|----------------------|---------------------------------------|
| Lumens               | 850 lm - 1250 lm                      |
| Voltage              | 120/277V or 120V                      |
| Dimmable             | Triac/ELV,<br>Triac/ELV/0-10V, Sunset |
| Power Factor         | ≥0.95                                 |
| Damp Location Listed |                                       |

## Dimensions



## Technical Details

### Construction:

- Single wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. Up to 1250 lumens.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

### Installation:

- Designed for ceiling plenums where 2x8 joists or taller are used.
- 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.

### 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:** 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         | Lumens  | Voltage  | Dimming         |
|--------------|---------|----------|-----------------|
| E6LRC08ICA2  | 850 lm  | 120V     | Triac/ELV       |
| E6LRC08ICAD2 | 850 lm  | 120/277V | Triac/ELV/0-10V |
| E6LRC08ICASD | 850 lm  | 120/277V | Sunset          |
| E6LRC12ICA2  | 1250 lm | 120V     | Triac/ELV       |
| E6LRC12ICAD2 | 1250 lm | 120/277V | Triac/ELV/0-10V |
| E6LRC12ICASD | 1250 lm | 120/277V | Sunset          |

Product Number Builder

Example: E6LRC08ICA2

|                       |                         |             |                                                                          |                  |                                                                       |
|-----------------------|-------------------------|-------------|--------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------|
| ELCO Cedar 6" Housing | Lumens                  | IC Airtight | Dimming                                                                  | Generation       | Optional                                                              |
| E6LRC                 |                         |             |                                                                          |                  |                                                                       |
|                       | 08 850 lm<br>12 1250 lm | ICA ICA     | 120V Triac/ELV<br>120/277V Triac/ELV/0-10V<br>D<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 |

# Compatible Products

For use with 6" Cedar™ IC LED housings



## 6" Cedar™ LED Light Engines



Round Reflector Trim

**E610C**

Finishes:  
(W, B, BZ, C, G, H)



Round Drop Glass Reflector Trim

**E612C**

Finishes:  
(W, B, BZ, C, G, H)



Round Baffle Trim

**E614C**

Finishes:  
(W, B, BZ, BB)



Round Adjustable Baffle Trim

**E616C**

Finishes:  
(W, B, BZ)



Round Adjustable Reflector Trim

**E617C**

Finishes:  
(W, B, BZ, C, H)

### PRODUCT NUMBER BUILDER

| 6" Cedar™ Trim | Style                           | Lumen                      | Color Temperature        | Finish                       |
|----------------|---------------------------------|----------------------------|--------------------------|------------------------------|
| <b>E6</b>      |                                 |                            |                          |                              |
|                | <b>10C</b> Reflector            | <b>08</b> 850 lm (8.76W)   | <b>27</b> 2700K          | <b>W</b> All White           |
|                | <b>12C</b> Drop Glass           | <b>12</b> 1250 lm (12.88W) | <b>30</b> 3000K          | <b>B</b> Black w/White Ring  |
|                | <b>14C</b> Baffle               |                            | <b>35</b> 3500K          | <b>BZ</b> All Bronze         |
|                | <b>16C</b> Adjustable Baffle    |                            | <b>40</b> 4000K          | <b>BB</b> All Black          |
|                | <b>17C</b> Adjustable Reflector |                            | <b>50</b> 5000K          | <b>C</b> Chrome w/White Ring |
|                |                                 |                            | <b>SD</b> Sunset Dimming | <b>G</b> Gold w/White Ring   |
|                |                                 |                            |                          | <b>H</b> Haze w/White Ring   |

## 6" 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 |