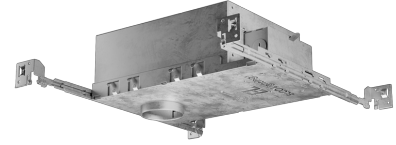


# 2" IC Airtight New Construction Housing



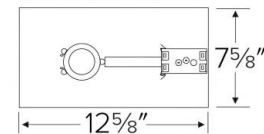
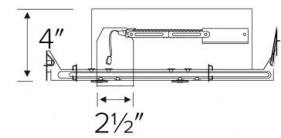
## Features

- Double Wall IC rated for use in insulated ceilings.
- Height allows for use in 2x6 construction.
- Driver included on housing.
- CA Title 24 compliant (JA8-2016-E).
- LED Light Engine sold separately.
- U.S. Patent 10,281,131

## Specifications

|                     |           |
|---------------------|-----------|
| <b>Wattage</b>      | 9W        |
| <b>Voltage</b>      | 120V      |
| <b>Dimmable</b>     | Triac/ELV |
| <b>Wet Location</b> | Listed    |

## Dimensions



## Technical Details

### Construction:

- IC Rated for Direct Contact with R60 spray insulation, for use in IC and non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/4" ceiling thickness.
- Aluminum housing for greater heat dissipation. Stamped galvanized steel frame.
- Driver mounted on junction box for cooler LED operation.

**Installation:** Designed for shallow ceiling plenums where 2x6 joists or taller are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 2 5/8". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

**Junction Box:** Positioned to accommodate straight conduit runs. Three 1/2" trade size pry-out knockouts, One 3/4" knockout, One 1/4" knockout. Four Romex pry-outs with strain relief for easy romex installation. Strain clamps to install or remove covers for easy access and grounding.

**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 aligning the housings with the joists.

**Electrical:** Driver connects to 120V power supply. High Efficiency driver with a power factor > 0.9.

**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:** Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

**Trims:** Compatible with - E210C06, E213C06, E214C06, E215C06, E218C06, E219C06 series.

**Listings:** cUL Listed for Wet Location. cUL Listed for Direct Contact with Insulation and Combustible Material. cUL Listed for Feed Through. Meets restricted airflow requirements (per ASTM E-283). California Title 24 (JA8-2016-E).

**Warranty:** ELCO Products are built to last with a 5-year Limited warranty.

## Product Numbers

| Item           | Description                        | Watts | Voltage | Dimming   |
|----------------|------------------------------------|-------|---------|-----------|
| E2LC106ICA     |                                    | 9W    | 120V    | Triac/ELV |
| E2LC106ICA-EM1 | 90 minute Emergency Battery Backup |       |         |           |

# Compatible Products



For use 2" IC & Non-IC LED Housings

## 2" Alder™ LED Light Engines



Round Reflector

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E210C0627W | 9W, 600 lm, 2700K |
| E210C0630W | 9W, 640 lm, 3000K |
| E210C0727W | 9W, 800 lm, 2700K |
| E210C0730W | 9W, 840 lm, 3000K |
| E210C0735W | 9W, 860 lm, 3500K |
| E210C0740W | 9W, 875 lm, 4000K |



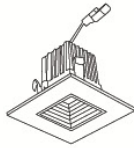
Round Baffle

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E214C0627W | 9W, 600 lm, 2700K |
| E214C0630W | 9W, 640 lm, 3000K |
| E214C0727W | 9W, 800 lm, 2700K |
| E214C0730W | 9W, 840 lm, 3000K |
| E214C0735W | 9W, 860 lm, 3500K |
| E214C0740W | 9W, 875 lm, 4000K |



Square Reflector

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E213C0627W | 9W, 600 lm, 2700K |
| E213C0630W | 9W, 630 lm, 3000K |
| E213C0727W | 9W, 800 lm, 2700K |
| E213C0730W | 9W, 830 lm, 3000K |
| E213C0735W | 9W, 845 lm, 3500K |
| E213C0740W | 9W, 860 lm, 4000K |



Square Baffle

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E215C0627W | 9W, 600 lm, 2700K |
| E215C0630W | 9W, 630 lm, 3000K |
| E215C0727W | 9W, 800 lm, 2700K |
| E215C0730W | 9W, 830 lm, 3000K |
| E215C0735W | 9W, 845 lm, 3500K |
| E215C0740W | 9W, 860 lm, 4000K |



Round Adjustable

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E218C0627W | 9W, 650 lm, 2700K |
| E218C0630W | 9W, 680 lm, 3000K |
| E218C0727W | 9W, 850 lm, 2700K |
| E218C0730W | 9W, 880 lm, 3000K |
| E218C0735W | 9W, 895 lm, 3500K |
| E218C0740W | 9W, 915 lm, 4000K |



Square Adjustable

| CAT NO.    | SPECIFICATIONS    |
|------------|-------------------|
| E219C0627W | 9W, 650 lm, 2700K |
| E219C0630W | 9W, 680 lm, 3000K |
| E219C0727W | 9W, 850 lm, 2700K |
| E219C0730W | 9W, 880 lm, 3000K |
| E219C0735W | 9W, 895 lm, 3500K |
| E219C0740W | 9W, 915 lm, 4000K |

## 2" Alder™ Accessories



Emergency Battery Backup

| CAT NO. | SPECIFICATIONS     |
|---------|--------------------|
| KEM-LD3 | 8W, Up to 750 lm   |
| KEM-LD4 | 12W, Up to 1100 lm |



Fire Cover

| CAT NO. | SPECIFICATIONS      |
|---------|---------------------|
| FIRECVR | 9 3/4" H x 17" O.D. |



Fire Enclosure

| CAT NO.   | SPECIFICATIONS                |
|-----------|-------------------------------|
| FIRENCL   | 20 3/8" L x 14 3/8" W         |
| FIRENCL-S | Shallow,<br>16" L x 14 3/8" W |



Mica Fire Tape

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

\*Finishes: **W** - All White



**ELCO Lighting**

# Dimmer Compatibility Chart 2" Alder System LED Light Engines

For E210C06, E210C07, E210C18, E213C06, E213C07, E214C06, E214C07, E215C06, E215C07, E218C06, E218C07, E219C06, E219C07 Series

## For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product  | Part Number            | Dimmed Light Output Range |
|--------------|--|------------------------|---------------------------|
| Lutron       | Skylark Contour, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way Indoor Application, Residential/Commercial Application | CT-603PG / CT-600PR    | 10% - 100%                |
|              | Diva, 120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way, Residential/Commercial Application                               | DV-600PR / DV603PG     | 10% - 100%                |
|              | Diva, 120V, 60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way  | DVW-603PGH / DVCL-153P | 10% - 100%                |
|              | Maestro, 120V, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way  | MACL-153M / TGCL-153P  | 10% - 100%                |
|              | Skylark, Single Pole 600W Incandescent/Halogen, Slide-to-Off Dimmer  | S-600PR / S-2-LH       | 10% - 100%                |
| Leviton      |  | 1A1505 / IC1605        | 10% - 100%                |
|              | SureSlide, 120V AC 60Hz, 600W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing                     | 6631 / 6633            | 10% - 100%                |
| Cooper       | Decorator Dimmer, 120V 60Hz, 300W for LED and CFL, 600W for Incandescent, Single Pole, 3-Way, Polycarbonated Housing                 | DLC03P                 | 10% - 100%                |

**\*NOTE: Refer to dimmer manufacturer's documentation for installation instructions and circuit details**

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.

Integrating our lighting with your Smart Home System is a breeze. Simply check your Smart Home system for compatible smart switches and cross reference that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.



2042 E. Vernon Ave. Vernon CA 90058 Tel 323.231.2600 Fax 323.231.3200 [elcolighting.com](http://elcolighting.com)