

| Date: |
|---------------|
| Fixture type: |
| Project name: |

2" Non-IC Airtight Remodel Housing



Features

- Height allows for use in 2x4 construction.
- Flexi-joint allows for easy installation and solid support.
- Driver included on housing.
- LED Light Engine sold separately.
- U.S. Patent 10,281,131

Specifications

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

Technical Details

Construction:

- Housing adjusts to accommodate up to 1 1/4" ceiling thickness.
- Aluminum housing for greater heat dissipation.
- Driver mounted on junction box for cooler LED operation.

Installation: Designed for shallow ceiling plenums where 2x4 joists or taller are used. Maximum hole cutout is 2 5/8". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

 $\textbf{Electrical:} \ \ \text{Driver connects to 120V power supply. High Efficiency driver with a power factor} > 0.9.$

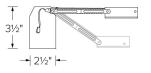
Dimmability: Works with 120V Triac and ELV type dimmers . Dims down to 10%. For full list of dimmers refer to the Dimmer Compatibility List.

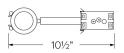
Trims: Compatible with - E210C06, E213C06, E214C06, E215C06, E218C06, E219C06 series.

Listings: cUL Listed for Wet Location. cUL Listed for Feed Through. Meets restricted airflow requirements (per ASTM E-283).

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

Dimensions





Product Numbers

| Item | Watts | Voltage | Dimming | |
|-----------|-------|---------|-----------|--|
| F21 RC106 | 9W | 120V | Triac/FLV | |

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 |
|------------|-------------------|
| C. II 110. | 0. 20 |
| 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

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|--|-------------------|--|
| 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 | |
| F213C0740W | 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 ¾" H × 17" O.D. |



Fire Enclosure

| CAT NO. | SPECIFICATIONS |
|------------|-----------------------------|
| FIREENCL | 20 %" L x 14 %" W |
| FIREENCL-S | Shallow, 16" L x 14 ¾" W |



Mica Fire Tape

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

*Finishes: **W** - All White



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% |
| Di | 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% |
| Skylar | 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 refrence that with our Dimming Compatibility Chart. Once the switches are integrated with your Smart Home system your lights will be ready to go.







INSTEON

