

# 5" IC Shallow Frame with Driver

5" IC Frame for Maple™ System LED Light Engines. For use in Insulated Ceilings, Damp Location rated and Wet Location rated with applicable LED Light Engines.



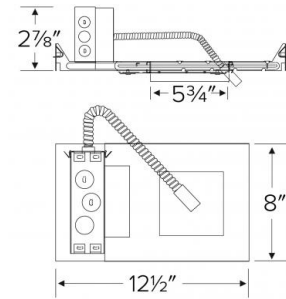
## Features

- For use in Insulated Ceilings with ELCO 5" Maple™ System LED Light Engines.
- Dimmable Triac/ELV (1100 lm units), 0-10V (2000 lm units).
- Optional Emergency Backup 90 minutes, 120/277 VAC, 60Hz.
- High Efficiency Driver mounted on J-box for greater lumen output and easy access from below the ceiling.
- Suitable for wet location covered ceiling only with E520/E524 Light Engines (ordered separately).
- 2<sup>7</sup>/<sub>8</sub>" Height Allows for installation in shallow ceilings (when used with non adjustable light engines).
- ENERGY STAR® Certified. California Title 24 (JA8-2016).

## Specifications

|                      |                               |
|----------------------|-------------------------------|
| <b>Wattage</b>       | 16W                           |
| <b>Voltage</b>       | 120/277V                      |
| <b>Dimmable</b>      | Triac/ELV                     |
| <b>Wet Location</b>  | Listed with E520/E524 Inserts |
| <b>Damp Location</b> | Listed                        |

## Dimensions



## Technical Details

**Construction:** IC Rated for Direct Contact with Insulation with E52 Maple™ System LED Light Engines. Stamped galvanized steel frame.

**Installation:** Designed for shallow ceiling plenums where 2x4 joists or taller are used. Suitable for T-grid and drop ceiling applications. Driver mounted on junction box for cooler LED operation.

**Junction Box:** 16 gauge pre-wired galvanized steel Junction Box, 25 cubic-inch for a maximum of (8) #12 AWG wires. Positioned to accommodate straight conduit runs. Furnished with seven 1/2" trade size conduit pry-out knockouts, four 3/4" pry-out knockouts, one 1" pry-out knockout and (4) Romex pry-outs with strain relief. Strain clamps to install or remove covers for easy access and grounding.

**Hanger Bars:** Pre Installed high strength 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, high power factor > 0.9 driver. Driver THD % E5SQLFU20 120V: 10.4%, 277V: 15.3%

**Dimmability:** Flicker-Free Dimming. E5SQLFU11 works with Triac/ELV type dimmers. E5SQLFU20 works with 0-10V dimmers. Smoothly dims down to 10%. (Dimming range may vary depending on dimmer model). For full list of dimmers refer to the Dimmer Compatibility List.

**Listings:** cUL/cUL Listed for Damp Location and for Wet Location with select light engines; Listed for Direct Contact with Insulation and Combustible Material; Listed for Feed Through. Inserts meet restricted air flow requirements (Per ASTM E-283). **Warranty:** ELCO Products are built to last. 5-year Limited warranty.

## Product Number

| Item      | Description          | Watts | Voltage  | Dimming   |
|-----------|----------------------|-------|----------|-----------|
| E5SQLFU11 | 1100 lm Maple™ Frame | 16W   | 120/277V | Triac/ELV |

# Product Number Builder

Example: **E5SQLFU11**

ELCO 5" LED Square Frame 120/277V

Lumen

Optional

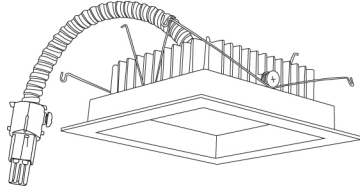
**E5SQLFU**

- 11** 1100 lm
- 20** 2000 lm

- No EM
- EM1** 750 lm Emergency Output
- EM2** 1100 lm Emergency Output

For use with 5" Maple™ LED Square Frames

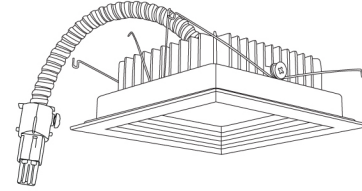
## 5" Maple™ LED Light Engines



**E520L**  
**Square Reflector Trim**

Finishes:  
(W, BZ, B)

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E520L11 | 1100 lm / 16W  |
| E520L20 | 2000 lm / 26W  |

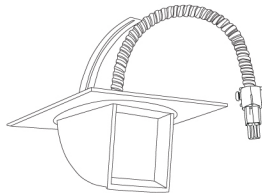


**E524L**  
**Square Baffle Trim**

Finishes:  
(W, BZ, B)

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E524L11 | 1100 lm / 16W  |
| E524L20 | 2000 lm / 26W  |

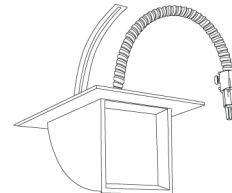
## 5" Maple™ Pull Down LED Light Engines



**E523L**  
**Square Adjustable Pull Down**

Finishes:  
(W, BZ)

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E523L11 | 1100 lm / 16W  |



**E521L**  
**Non-IC Pull Down**

Finishes:  
(W)

| CAT NO. | SPECIFICATIONS |
|---------|----------------|
| E521L20 | 2000 lm / 26W  |

### PRODUCT NUMBER BUILDER

| Maple™ Trim                              | Lumen                | Color Temperature    | Finish               |
|--|----------------------|----------------------|----------------------|
| <input type="text"/>                     | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <b>E520L</b> Square Reflector            | <b>11</b> 1100 lm    | <b>30</b> 3000K      | <b>W</b> All White   |
| <b>E521L</b> Square Non-IC Pull Down     | <b>20</b> 2000 lm    | <b>40</b> 4000K      | <b>BZ</b> All Bronze |
| <b>E523L</b> Square Adjustable Pull Down |                      |                      | <b>B</b> All Black   |
| <b>E524L</b> Square Baffle               |                      |                      |                      |



**ELCO Lighting**

# Dimmer Compatibility Chart

## 5" Maple System LED Light Engines

For E520L, E521L, E523L, and E524L 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.



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