

# 5" IC Shallow Frame with Driver and Emergency Battery Backup

(up to 750 lm or 1100 lm Emergency Output)



## Features

- For use in Insulated Ceilings with ELCO 5" Maple™ LED Light Engines.
- 90 minute emergency operation, 120/277 VAC, 60Hz.
- Suitable for wet location covered ceiling only with E520/E524 Light Engines (ordered separately).
- 2 7/8" height allows for installation in shallow ceilings (when used with non adjustable light engines).
- CA T24 Compliant (JA8-2016), ENERGY STAR®.

## Specifications

<b>Wattage</b>	16W - 28W
<b>Lumens</b>	1100 lm - 2000 lm
<b>Voltage</b>	120/277V
<b>Dimmable</b>	Triac/ELV, 0-10V
<b>Wet Location</b>	Listed with E520/E524 Inserts
<b>Damp Location</b>	Listed

## Product Numbers

Item	Description	Lumens	Watts	Voltage	Dimming
<b>E5SQLFU11EM1</b>	Up to 750 lm Emergency Battery Backup	1100 lm	16W	120/277V	Triac/ELV
<b>E5SQLFU11EM2</b>	Up to 1100 lm Emergency Battery Backup	1100 lm	16W	120/277V	Triac/ELV
<b>E5SQLFU20EM1</b>	Up to 750 lm Emergency Battery Backup	2000 lm	28W	120/277V	0-10V
<b>E5SQLFU20EM2</b>	Up to 1100 lm Emergency Battery Backup	2000 lm	28W	120/277V	0-10V

## 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.
- High strength hanger bars can easily be nailed to joists.
- Suitable for T-grid and drop ceiling applications.
- See installation sheet for detailed information.
- 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 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.

**Listings:** cUL/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.

Inserts meet restricted air flow requirements (Per ASTM E-283).

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

## Product Number Builder Example: E5SQLFU11EM1

ELCO 5" Square

Lumen

Battery Backup

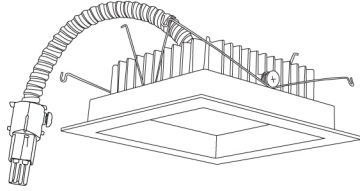
**E5SQLFU**

**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

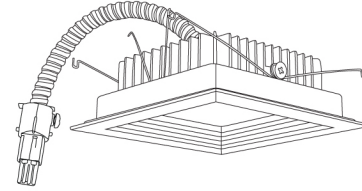
## 5" Maple™ LED Light Engines



**E520L**  
Square Reflector Trim

Finishes:  
(W, BZ, B)

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

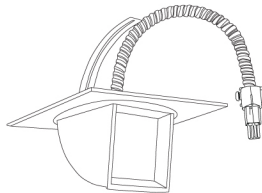


**E524L**  
Square Baffle Trim

Finishes:  
(W, BZ, B)

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

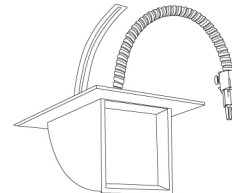
## 5" Maple™ Pull Down LED Light Engines



**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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