

# 6" New Construction Architectural Frame with Driver



## Features

- Optional 90 minutes, 120/277 VAC, 60Hz Emergency Backup.
- USA designed and assembled.
- LED Light Engine and Hanger bars sold separately (see Compatible Products).
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

## Specifications

<b>Lumens</b>	850 lm - 6000 lm
<b>Voltage</b>	120/277V or 120V
<b>Dimmable</b>	Triac/ELV/0-10V, Sunset, Lutron
<b>Power Factor</b>	≥0.9
<b>Damp Location Listed</b>	

## Options



**Optional EM Battery Back-up**

## Technical Details

### Construction:

Constructed from 16 gauge galvanized steel for large architectural applications. Housing adjusts in frame to accommodate up to 2" ceiling thickness.

### Installation:

Designed for architectural buildings. Easily installed with hanger bars (ordered separately for specific application type). Light engine installed into frame.

**Junction Box:** Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts and four pry-out knockout slots for easy romex installation.

**Hanger Bars:** Hanger bars ordered separately as FB27: Set of two 27" hanger bars for wood construction or CH26: Set of two 26" C-Channel hanger bars for T-Bar Ceiling.

### Electrical:

- Driver is rated for 120V and 277V input (120/277V).
- High Efficiency driver with a power factor > 0.9.
- Can be specified with Lutron drivers for specific applications.

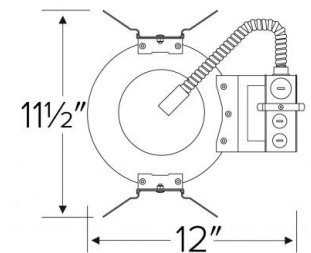
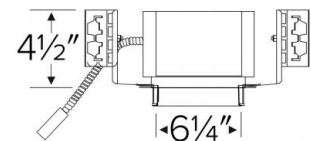
### Dimmability:

- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with compatible dimmer.
- Flicker-Free Dimming.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For full list of dimmers refer to the Dimmer Compatibility List.

**Listings:** cULus Listed for Damp Location. cULus Listed for Wet Location with select trims. cULus Listed for Direct Contact with Insulation and Combustible Material for units up to 2000 lm. cULus Listed for Feed Through.

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

## Dimensions



## Product Numbers

Item	Lumens	Voltage	Dimming
<b>E6LHU08D2</b>	850 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU08S</b>	850 lm	120/277V	Sunset
<b>E6LHU08L2</b>	850 lm	120V	Lutron
<b>E6LHU12D2</b>	1250 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU12S</b>	1250 lm	120/277V	Sunset

Item	Lumens	Voltage	Dimming
<b>E6LHU12L2</b>	1250 lm	120V	Lutron
<b>E6LHU16D2</b>	1600 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU16S</b>	1600 lm	120/277V	Sunset
<b>E6LHU16L2</b>	1600 lm	120V	Lutron
<b>E6LHU20D2</b>	2000 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU20S</b>	2000 lm	120/277V	Sunset
<b>E6LHU20L2</b>	2000 lm	120V	Lutron
<b>E6LHU30D2</b>	3000 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU30S</b>	3000 lm	120/277V	Sunset
<b>E6LHU30L2</b>	3000 lm	120V	Lutron
<b>E6LHU40D2</b>	4000 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU40L2</b>	4000 lm	120V	Lutron
<b>E6LHU60D2</b>	6000 lm	120/277V	Triac/ELV/0-10V
<b>E6LHU60L2</b>	6000 lm	120V	Lutron

## Product Number Builder Example: **E6LHU08D2**

ELCO Laurel 6"  
Architectural Frame

**E6LH**

Voltage

**U** 120/277V

Lumens

- 08** 850 lm
- 12** 1250 lm
- 16** 1600 lm
- 20** 2000 lm
- 30** 3000 lm
- 40** 4000 lm
- 60** 6000 lm

Dimming

- D** Triac/ELV/0-10V
- S** Sunset
- L** Lutron

Generation

- 2** Gen 2
- Gen 1

Optional

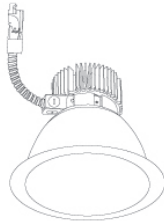
- No EM
- EM1** 8W Emer. Backup
- EM2** 12W Emer. Backup

# Compatible Products

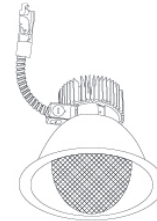


For use with 6" Laurel™ Frames

## 6" Laurel™ Commercial LED Light Engines



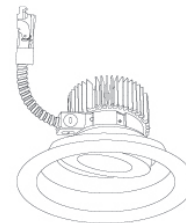
**Reflector Trim**  
**E610L**



**Wall Wash Trim**  
**E611L**



**Drop Glass Trim**  
**E612L**



**Adjustable Trim**  
**E618L**

### PRODUCT NUMBER BUILDER

Laurel™ Trim		Lumens		Color Temperature		Finish		Generation	
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<b>E610L</b>	Reflector	<b>08</b>	850 lm (12.5W MAX.)	<b>27</b>	2700K	<b>H</b>	All Haze	<b>(blank)</b>	Gen 1
<b>E611L</b>	Wall Wash	<b>12</b>	1250 lm (16.8W MAX.)	<b>30</b>	3000K	<b>W</b>	All White	<b>2</b>	Gen 2
<b>E612L</b>	Drop Glass	<b>16</b>	1600 lm (21W MAX.)	<b>35</b>	3500K	<b>B</b>	All Black		
<b>E618L</b>	Adjustable	<b>20</b>	2000lm (29.4W MAX.)	<b>40</b>	4000K	<b>C</b>	All Chrome		
		<b>30</b>	3000lm (44.1W MAX.)	<b>SD</b>	Sunset Dimming	<b>HW</b>	Haze w/White Ring		
		<b>40</b>	4000lm (50.4W MAX.)						
		<b>60</b>	6000lm (84W MAX.)						



ELCO Lighting

# Dimmer Compatibility Chart 120/277V - 0-10V/Triac/ELV Dimmers

## For 6" Laurel™ System Architectural Frames

E6LHU08D2, E6LHU12D2, E6LHU16D2, E6LHU20D2, E6LHU30D2, E6LHU40D2, E6LHU60D2, E6LFU08D2, E6LFU12D2, E6LFU16D2, E6LFU20D2, E6LFU30D2, E6LFU40D2, E6LFU60D2, E6LRU08D2, E6LRU12D2, E6LRU16D2, E6LRU20D2, E6LRU30D2, E6LRU40D2, E6LRU60D2, E6LTU08D2, E6LTU12D2, E6LTU16D2, E6LTU20D2, E6LTU30D2, E6LTU40D2, E6LTU60D2

### 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. **The listed values were measured under ideal conditions in a test lab. Results in the field may differ.**

Manufacturer	Product	Part Number	Dimmed Light Output Range
<b>Triac/ELV Type Dimmers - 120V Only</b>			
Lutron	120V AC, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	RRD-6CL	1% - 100%
	120V AC 60Hz, 150W LED/CFL/Incandescent/Halogen, Single Pole, 3-Way,	DVCL-153P	1% - 100%
	120V 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	TGCL-153P	1% - 100%
	120V AC 60Hz, 300W Electronic Low Voltage, 3-Way, Commercial/Residential Application	DVELV-303P	1% - 100%
	120V, 600W Incandescent/Halogen, Single Pole, Residential Indoor Application	TG-600P	1% - 100%
	120V, 1000W Incandescent or 600W Magnetic Low Voltage, Single Pole, 3-Way	CT103P	1% - 100%
	120V AC 60Hz, 600W Electronic Low Voltage, Single Pole/Multi-Location,	MAELV600	1% - 100%
	120V AC 60Hz, 500W Electronic Low Voltage, Single Pole/Multi-Location,	FAELV500	1% - 100%
	120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, Slide-to-Off Dimmer	S-600P	1% - 100%
	120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	SCL-153P	1% - 100%
	Caséta® Wireless Dimmer	PD-6WCL	1% - 100%
	120V AC 60Hz, Low Voltage Load Type, 150W Single Pole	DVLV-600P	5% - 100%
	120V AC, 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way, Residential and Commercial Application	DV-603P	1% - 100%
120V AC, 50/60Hz, 150W LED/CFL, 600W Incandescent/Halogen, Single Pole, 3-Way, Indoor Application	MA-PRO	1% - 100%	
120V AC 60Hz, 150W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way,	MACL-153M	1% - 100%	
Leviton	120V AC 60Hz, 300W Electronic Low Voltage, 400 Volt Amp, Single Pole, 3-Way,	IPE04	1% - 100%
	120V AC 60Hz, 300W CFL or 600W Incandescent, 400 Volt Amp, Single Pole, 3-Way,	6673-10W	1% - 100%
	120V AC, 600W Incandescent with LED Locator, Single Pole, 3-Way	VP106	1% - 100%
	120V AC 60Hz, 500W Incandescent with LED Level Indicator, Single Pole, 3-Way	6161	1% - 100%
	120V AC, 150W LED/CFL or 600W Incandescent, Single Pole, 3-Way	6674	1% - 100%
Eaton	120V AC, 300W LED/CFL or 600W Incandescent/MLV/Halogen, Single Pole, 3-Way	TAL06P1-C1	1% - 100%
Cooper	120V AC 60Hz, 300W LED/CFL or 600W Incandescent/Halogen, Single Pole, 3-Way	SLC03P / DAL06P	1% - 100%
	120V AC 60Hz, 300W LED/CFL or 600W Incandescent, Single Pole, 3-Way, Residential	DLC03P	1% - 100%
	120V AC 60Hz, 600W Incandescent/Halogen, Single Pole, 3-Way,	RI061-VW-K2	1% - 100%
	120V AC 60Hz, 300W LED/CFL/ Incandescent/Halogen, Single Pole, 3-Way	AAL06A-C2	1% - 100%
Lightolier	120V, 260W Incandescent/Halogen, Single Pole, 3-Way,	ZP260QEW	1% - 100%

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

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Manufacturer	Product	Part Number	Dimmed Light Output Range
<b>0-10V Type Dimmers - 120/277V</b>			
Lutron	120/277V AC, 0-10V LED/CFL Ballast, Single Pole, 3-Way	NFTV	1% - 100%
	120/277V AC, 0-10V, Single Pole, 3-Way, Commercial and Residential, Indoor Application	DVSTV	1% - 100%
	120/277V AC 50/60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way, Indoor Application	DVTV	1% - 100%
Leviton	120/277V AC 60Hz, 0-10V LED/CFL Ballast, Single Pole, 3-Way	IP710-DL	1% - 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.

