

# 8" New Construction Plaster Frame with Driver



## Features

- Optional 90 minutes, 120/277 VAC, 60Hz Emergency Backup.
- USA designed and assembled.
- LED Light Engine sold separately (see Compatible Products).

## 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</b>	Listed

## Options



**Optional EM Battery Back-up**

## Technical Details

### Construction:

Constructed from 16 gauge galvanized steel for commercial building applications.

### Installation:

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

**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:** 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 driver with a power factor > 0.9.
- Can be specified with Lutron drivers for specific applications.

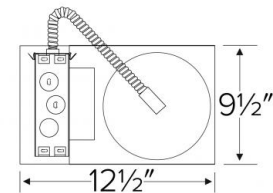
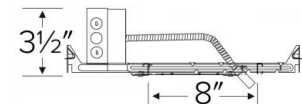
### Dimmability:

- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Flicker-Free Dimming.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a 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. ENERGY STAR® Certified.

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

## Dimensions



## Product Numbers

Item	Lumens	Voltage	Dimming
<b>E8LFU08D</b>	850 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU08S</b>	850 lm	120/277V	Sunset
<b>E8LFU08L</b>	850 lm	120V	Lutron
<b>E8LFU12D</b>	1250 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU12S</b>	1250 lm	120/277V	Sunset
<b>E8LFU12L</b>	1250 lm	120V	Lutron
<b>E8LFU16D</b>	1600 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU16S</b>	1600 lm	120/277V	Sunset
<b>E8LFU16L</b>	1600 lm	120V	Lutron
<b>E8LFU20D</b>	2000 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU20S</b>	2000 lm	120/277V	Sunset

Item	Lumens	Voltage	Dimming
<b>E8LFU20L</b>	2000 lm	120V	Lutron
<b>E8LFU30D</b>	3000 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU30S</b>	3000 lm	120/277V	Sunset
<b>E8LFU30L</b>	3000 lm	120V	Lutron
<b>E8LFU40D</b>	4000 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU40L</b>	4000 lm	120V	Lutron
<b>E8LFU60D</b>	6000 lm	120/277V	Triac/ELV/0-10V
<b>E8LFU60L</b>	6000 lm	120V	Lutron

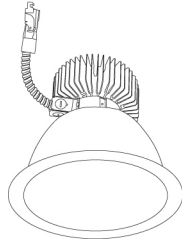
## Product Number Builder Example: **E8LFU08D**

ELCO Laurel 8" Plaster Frame	Voltage	Lumens	Dimming	Optional
<b>E8LF</b>	<b>U</b> 120/277V	<b>08</b> 850 lm <b>12</b> 1250 lm <b>16</b> 1600 lm <b>20</b> 2000 lm <b>30</b> 3000 lm <b>40</b> 4000 lm <b>60</b> 6000 lm	<b>D</b> Triac/ELV/0-10V <b>S</b> Sunset <b>L</b> Lutron	<b>(blank)</b> No EM <b>EM1</b> 8W Emer. Backup <b>EM2</b> 12W Emer. Backup

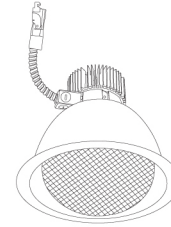
# Compatible Products

For use with 8" Laurel™ Frames

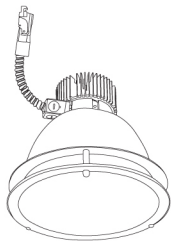
## 8" Laurel™ Commercial LED Light Engines



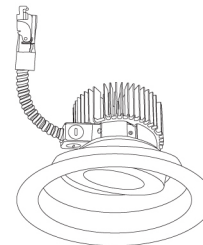
**E810L**  
Reflector Trim



**E811L**  
Wall Wash Trim



**E812L**  
Drop Glass Trim



**E818L**  
Adjustable Trim

### PRODUCT NUMBER BUILDER

Laurel™ Trim	Lumen	Color Temperature	Finish	Beam Angle
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>E810L</b> Reflector	<b>08</b> 850 lm	<b>27</b> 2700K	<b>H</b> All Haze	<b>(blank)</b> 60°
<b>E811L</b> Wall Wash	<b>12</b> 1250 lm	<b>30</b> 3000K	<b>W</b> All White	<b>-F</b> 36°
<b>E812L</b> Drop Glass	<b>16</b> 1600 lm	<b>35</b> 3500K	<b>B</b> All Black	<b>-N</b> 25°
<b>E818L</b> Adjustable	<b>20</b> 2000lm	<b>40</b> 4000K	<b>C</b> All Chrome	<b>-S</b> 10°
	<b>30</b> 3000lm	<b>SD</b> Sunset Dimming	<b>HW</b> Haze w/White Ring	
	<b>40</b> 4000lm			
	<b>60</b> 6000lm			