

# 4" LED Light Engine with Drop Glass Trim



## Features

- USA Designed and Assembled.
- Frame sold separately (see Compatible Housings).
- 2 at the end of the item number denotes Generation 2.  
Please note Gen 2 and Gen 1 are not cross compatible.

## Specifications

|                     |                  |
|---------------------|------------------|
| <b>Wattage</b>      | 8.8W - 31W       |
| <b>Lumens</b>       | 850 lm - 3000 lm |
| <b>Color Temp.</b>  | 2700K - SunsetK  |
| <b>Lamp Type</b>    | LED              |
| <b>Beam Angle</b>   | 60°              |
| <b>CRI</b>          | 93+              |
| <b>Wet Location</b> | Listed           |

## Options



Haze



White



Black



Chrome



Haze w/White Ring

## Technical Details

**Optics:** Frosted polycarbonate lens diffuses light evenly throughout while reducing glare with LED technology.

**Reflector Construction:** Reflector is one piece, deep, self-flanged construction spun from .05" thick High Grade Aluminum. Reflector allows for minimal glare and a strong glare cut-off. Drop glass helps to virtually eliminate glare.

**Installation:** Must be installed on a Laurel System frame with compatible lumen rating. Frames are available for New Construction, Remodel and as a Retrofit Kit.

### LED Technology:

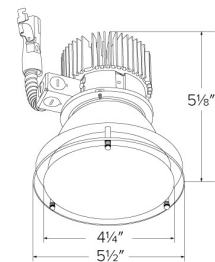
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### Listings:

- cULus Listed for Wet Location.
- RoHS Compliant.

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

## Dimensions



## Product Number Builder Example: E412L0827W2

|                   |        |        |             |        |
|-------------------|--------|--------|-------------|--------|
| ELCO 4" Drop Glas | Laurel | Lumens | Color Temp. | Finish |
| E412              | L      |        |             |        |

**08** 850 lm  
**12** 1250 lm  
**16** 1600 lm  
**20** 2000 lm  
**30** 3000 lm

**27** 2700K  
**30** 3000K  
**35** 3500K  
**40** 4000K  
**50** 5000K  
**SD** Sunset

**W** All White  
**B** All Black  
**C** All Chrome  
**H** All Haze  
**HW** Haze w/White Ring

Generation

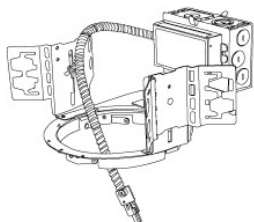
Gen 1  
**2** Gen 2

# Compatible Products

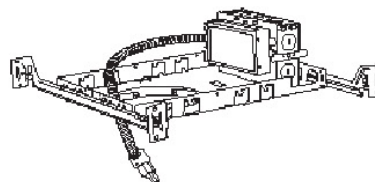
For use with 4" Laurel™ Light Engines



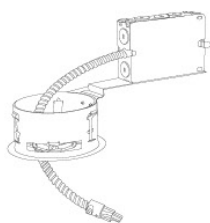
## 4" Laurel™ Commercial LED Frames



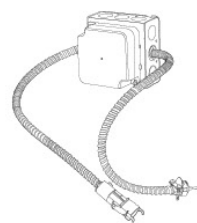
**4" Architectural Frame**  
**E4LH**



**4" Plaster Frame**  
**E4LF**



**4" Remodel Frame**  
**E4LR**



**4" Retrofit Kit**  
**E4LT**

### PRODUCT NUMBER BUILDER

| Frame Type           |               | Voltage              | Lumen                |         | Dimming                  | Optional             |                                       | Generation           |       |
|----------------------|---------------|----------------------|----------------------|---------|--------------------------|----------------------|---------------------------------------|----------------------|-------|
| <input type="text"/> |               | <input type="text"/> | <input type="text"/> |         | <input type="text"/>     | <input type="text"/> |                                       | <input type="text"/> |       |
| <b>E4LH</b>          | Architectural | <b>U</b> 120/277V    | <b>08</b>            | 850 lm  | <b>D</b> Triac/ELV/0-10V | <b>EM1</b>           | Emergency Backup up to 700 lm output  | <b>(blank)</b>       | Gen 1 |
| <b>E4LF</b>          | Plaster       |                      | <b>12</b>            | 1250 lm | <b>S</b> Sunset          | <b>EM2</b>           | Emergency Backup up to 1100 lm output | <b>2</b>             | Gen 2 |
| <b>E4LR</b>          | Remodel       |                      | <b>16</b>            | 1600 lm | <b>L</b> Lutron          |                      |                                       |                      |       |
| <b>E4LT</b>          | Retrofit      |                      | <b>20</b>            | 2000 lm |                          |                      |                                       |                      |       |
|                      |               |                      | <b>30</b>            | 3000 lm |                          |                      |                                       |                      |       |