

# 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>	31W
<b>Lumens</b>	3000 lm
<b>Color Temp.</b>	3000K
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	60°
<b>CRI</b>	93+
<b>Wet Location</b>	Listed

## Options



**Haze (semi-specular)**



**White**



**Black**



**Chrome**



**Haze w/White Trim**

## 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:

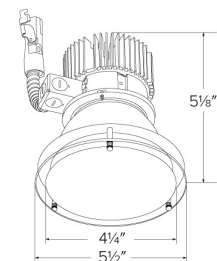
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

**Sunset:** Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

**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	Generation	Beam Angle
<b>E412</b>	<b>L</b>					
		<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>27</b> 2700K <sup>1</sup> <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>50</b> 5000K <b>SD</b> Sunset <sup>1,2</sup>	<b>W</b> All White <b>B</b> All Black <b>C</b> All Chrome <b>H</b> All Haze (Semi-Specular) <b>HW</b> Haze with White Trim	<b>2</b> Gen 2 <b>1</b> Gen 1	60° <b>-F</b> 38° <sup>1</sup> <b>-N</b> 24° <sup>1</sup> <b>-S</b> 15° <sup>1</sup>

<sup>1</sup> Available for lumen packages up to 3000 lm only

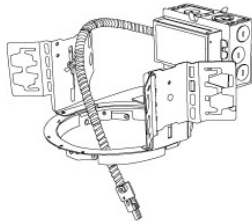
<sup>2</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

# Compatible Products

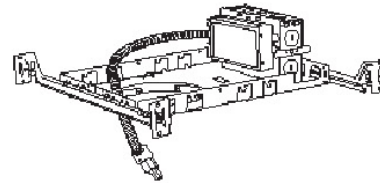


For use with 4" Laurel™ Light Engines

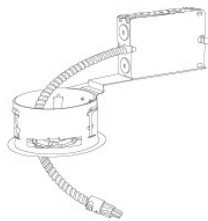
## 4" Laurel™ Commercial LED Frames



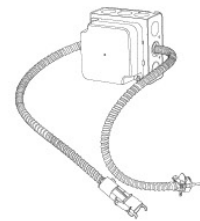
**4" Architectural Frame**  
**E4LH**



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



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



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

### PRODUCT NUMBER BUILDER

Frame Type	Voltage	Lumen	Dimming	Optional	Generation
<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			