

# 9" Reflector LED Light Engine Trims (850-3000 lm)



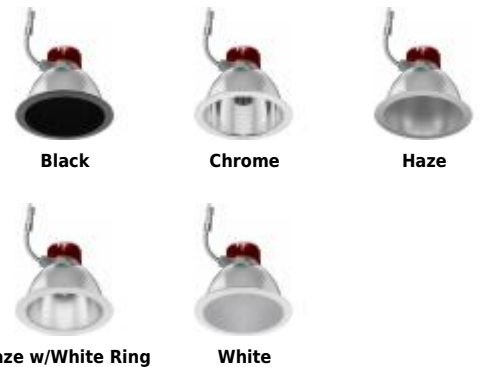
## Features

- Dimmable Triac/ELV or 0-10V.
- USA Designed and Assembled.
- Frame sold separately (see Compatible Housings).
- Meets the requirements for Title 24.
- 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



## 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.

**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:

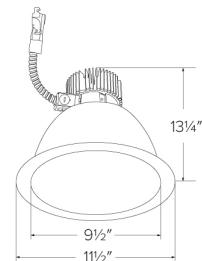
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### Listings:

- cULus Listed for Wet Location.
- RoHS Compliant.

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

## Dimensions



## Product Number Builder Example: E910L0827W2

ELCO 9" Reflector	Laurel	Lumens	Color Temp.	Finish
<b>E910</b>	<b>L</b>	<b>08</b> 850 lm	<b>27</b> 2700K	<b>H</b> All Haze

12 1250 lm  
 16 1600 lm  
 20 2000 lm  
 30 3000 lm

30 3000K  
 35 3500K  
 40 4000K  
 50 5000K  
 SD Sunset

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

Generation

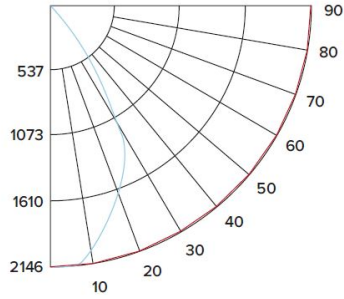
Gen 1  
 2 Gen 2

## LED Light Engine

Multiplier: 2700K (x 0.88), 3000K (x 0.92), 3500K (x 0.96)

### PHOTOMETRIC REPORT

Product #: E910L2040  
 Wattage/Lumens: 23.2W/ 1850 Lm  
 Luminaire LPW: 80 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	2144
5	2146
15	1866
25	1388
35	702
45	55
55	0
65	0
75	0
85	0
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	134	4.7'
6'	59.6	7.0'
8'	33.5	9.3'
10'	21.4	11.7'

### ZONAL LUMEN SUMMARY

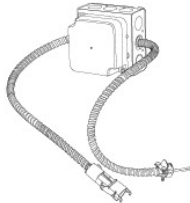
Zone	Lumens	% Luminaire
0-30°	1361.91	73.60
0-40°	1789.01	96.70
0-60°	1850.2	100.00
0-90°	1850.23	100.00

# Compatible Products

For use with 9" Laurel™ Light Engines



## 9" Laurel™ Commercial LED Frames



**E9LT**  
**9" Retrofit Kit**

### 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>E9LT</b> Retrofit	<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>EM1</b> Emergency Backup up to 700 lm output <b>EM2</b> Emergency Backup up to 1100 lm output	Gen 1 <b>2</b> Gen 2