

# 9" Reflector LED Light Engine Trims (4000-6000 lm)



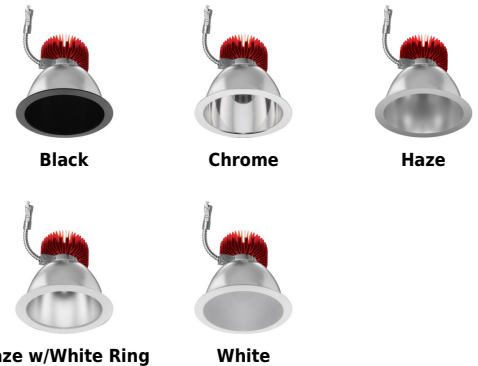
## Features

- Dimmable Triac/ELV or 0-10V.
- 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>	36.8W
<b>Lumens</b>	4000 lm
<b>Color Temp.</b>	4000K
<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:

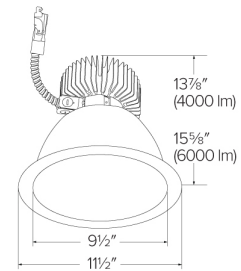
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### Listings:

- cULus Listed for Wet Location.
- RoHS Compliant

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

## Dimensions



# Product Number Builder Example: E910L4030W2

ELCO 9" Reflector	Laurel	Lumens	Color Temp.	Finish	Generation
<b>E910</b>	<b>L</b>				
		<b>40</b> 4000 lm <b>60</b> 6000 lm	<b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>50</b> 5000K	<b>H</b> All Haze <b>W</b> All White <b>B</b> All Black <b>C</b> All Chrome <b>HW</b> Haze w/White Ring	Gen 1 <b>2</b> Gen 2

## LED Light Engine

Multiplier: 2700K (x 0.88), 3000K (x 0.92), 3500K (x 0.96), 5000K (x 1.04)

### PHOTOMETRIC REPORT

Product #: E910L6040  
Wattage/Lumens: 70.3W/ 5751 Lm  
Luminaire LPW: 82 Lm/W



### CANDLE POWER SUMMARY

Degrees Vertical	0°
0	6753
5	6601
15	5447
25	4096
35	2413
45	292
55	23
65	10
75	4
85	0
90	0

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	422	4.6'
6'	188	6.9'
8'	106	9.2'
10'	67.5	11.5'

### ZONAL LUMEN SUMMARY

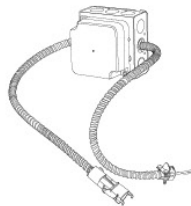
Zone	Lumens	% Luminaire
0-30°	4009.32	69.70
0-40°	5431.93	94.50
0-60°	5736.73	99.80
0-90°	5750.7	100.00

# 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" value="E9LT"/> Retrofit	<input type="text" value="U 120/277V"/>	<input type="text" value="08"/> 850 lm <input type="text" value="12"/> 1250 lm <input type="text" value="16"/> 1600 lm <input type="text" value="20"/> 2000 lm <input type="text" value="30"/> 3000 lm <input type="text" value="40"/> 4000 lm <input type="text" value="60"/> 6000 lm	<input type="text" value="D"/> Triac/ELV/0-10V <input type="text" value="S"/> Sunset <input type="text" value="L"/> Lutron	<input type="text" value="EM1"/> Emergency Backup up to 700 lm output <input type="text" value="EM2"/> Emergency Backup up to 1100 lm output	<input type="text" value="1"/> Gen 1 <input type="text" value="2"/> Gen 2