

# 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>      | 71.4W   |
| <b>Lumens</b>       | 6000 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



**Black**



**Chrome**



**Haze**



**Haze w/White Ring**



**White**

## 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:

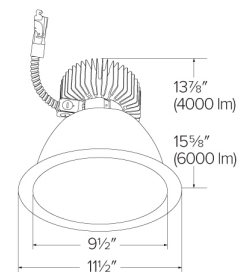
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### 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

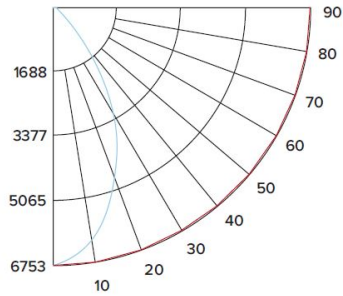
| ELCO 9" Reflector | Laurel   | Lumens                                 | Color Temp.                                                              | Finish                                                                                                              | Generation              |
|-------------------|----------|---------------------------------------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

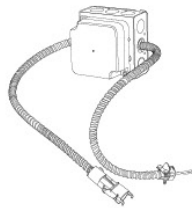
| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 4009.32 | 69.70       |
| 0-40° | 5431.93 | 94.50       |
| 0-60° | 5736.73 | 99.80       |
| 0-90° | 5750.7  | 100.00      |

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