

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



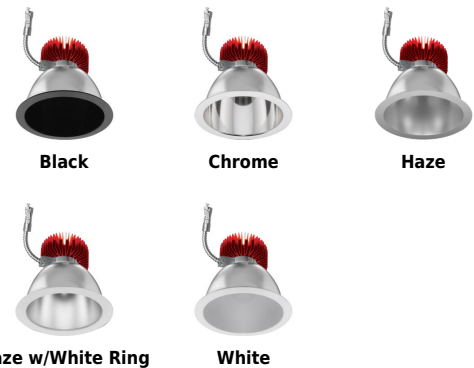
## Features

- 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>  | 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:

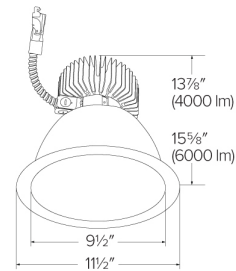
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### 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

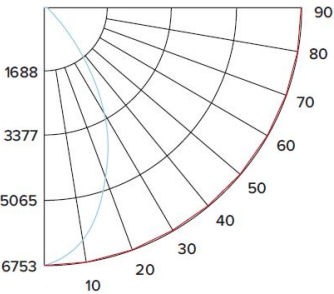
|                   |              |                          |                                              |                                                                                  |                  |
|-------------------|--------------|--------------------------|----------------------------------------------|-----------------------------------------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

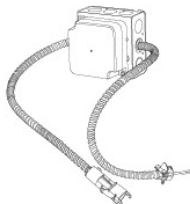
| Zone  | Lumens  | % Luminaire |
|-------|---------|-------------|
| 0-30° | 4009.32 | 69.70       |
| 0-40° | 5431.93 | 94.50       |
| 0-60° | 5736.73 | 99.80       |
| 0-90° | 5750.7  | 100.00      |

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