

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

| | |
|---------------------|---------|
| Wattage | 71.4W |
| Lumens | 6000 lm |
| Color Temp. | 3000K |
| Lamp Type | LED |
| Beam Angle | 60° |
| CRI | 93+ |
| Wet Location | 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:

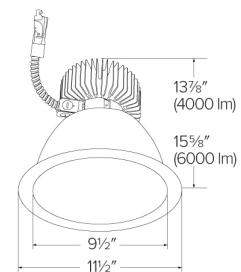
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

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 |
|-------------------|----------|--|--|---|-------------------------|
| E910 | L | | | | |
| | | 40 4000 lm 60 6000 lm | 30 3000K 35 3500K 40 4000K 50 5000K | H All Haze W All White B All Black C All Chrome HW Haze w/White Ring | Gen 1 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

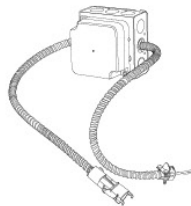
| Zone | Lumens | % Luminaire |
|-------|---------|-------------|
| 0-30° | 4009.32 | 69.70 |
| 0-40° | 5431.93 | 94.50 |
| 0-60° | 5736.73 | 99.80 |
| 0-90° | 5750.7 | 100.00 |

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 |
|--|---|--|--|---|--|
| <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 |