

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	36.8W
Lumens	4000 lm
Color Temp.	3500K
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:

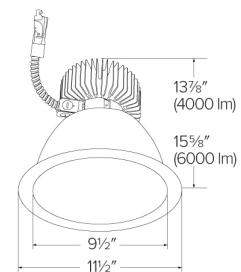
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

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

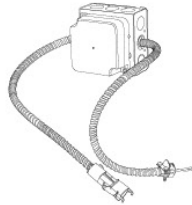
Zone	Lumens	% Luminaire
0-30°	4009.32	69.70
0-40°	5431.93	94.50
0-60°	5736.73	99.80
0-90°	5750.7	100.00

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