ELCO Lighting

Project name:

Fixture type:

Date:

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.	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:

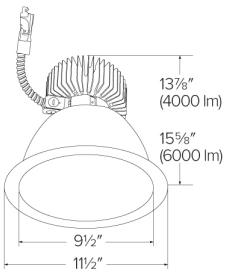
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

Listings:

- cULus Listed for Wet Location.
- RoHS Compliant

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

Dimensions



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Product Number Builder

Example: **E910L4030W2**

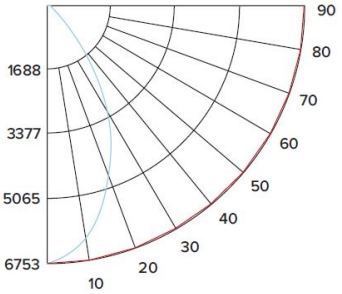
ELCO 9" Reflector	Laurel	Lumens	Color Temp.	Finish	Generation
E910	**L**				
		40 4000 lm	**30** 3000K	**H** All Haze	Gen 1
		60 6000 lm	**35** 3500K	**W** All White	**2** Gen 2
			40 4000K	**B** All Black	
			50 5000K	**C** All Chrome	
				HW Haze w/White Ring	

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

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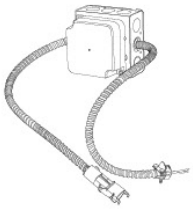
Compatible Products

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

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