

6" Reflector LED Light Engine Trims (850-3000 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	31W
Lumens	3000 lm
Color Temp.	4000K
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:

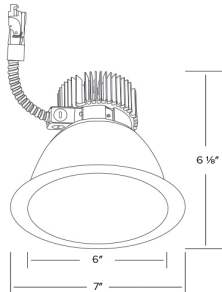
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

Listings:

- cULus Listed for Wet Location.
- RoHS Compliant.

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

Dimensions



Product Number Builder Example: E610L0827W2

ELCO 6" Reflector	Laurel	Lumens	Color Temp.	Finish
E610	L	08 850 lm	27 2700K	W All White

12 1250 lm
16 1600 lm
20 2000 lm
30 3000 lm

30 3000K
35 3500K
40 4000K
50 5000K
SD Sunset

B All Black
C All Chrome
H All Haze
HW Haze w/White Ring

Generation

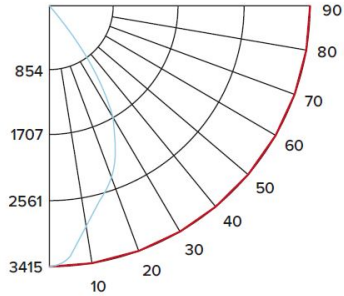
Gen 1
2 Gen 2

LED Light Engine

Multiplier: 2700K (x 0.96), 3500K (x 1.04), 4000K (x 1.08)

PHOTOMETRIC REPORT

Product #: E610L3030
Wattage/Lumens: 31.5W/ 2714 Lm
Luminaire LPW: 86 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	3415
5	3340
15	2706
25	2171
35	925
45	85
55	3
65	1
75	1
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	213	4.5'
6'	94.9	6.8'
8'	53.4	9.1'
10'	34.1	11.3'

ZONAL LUMEN SUMMARY

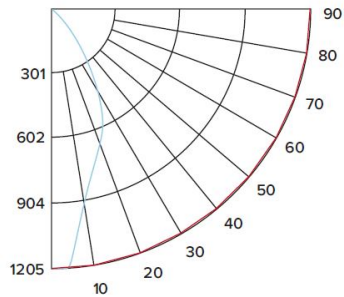
Zone	Lumens	% Luminaire
0-30°	2035.49	75.00
0-40°	2618.32	96.50
0-60°	2712.27	99.90
0-90°	2714.31	100.00

LED Light Engine

Multiplier: 2700K (x 0.96), 3500K (x 1.04), 4000K (x 1.08)

PHOTOMETRIC REPORT

Product #: E610L0830H
Wattage/Lumens: 10.4W/ 756 Lm
Luminaire LPW: 73 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1205
5	1134
15	772
25	607
35	226
45	17
55	1
65	0
75	0
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	75.3	3.8'
6'	33.5	5.6'
8'	18.8	7.5'
10'	12.0	9.4'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	590.01	78.00
0-40°	736.59	97.40
0-60°	755.62	99.90
0-90°	756.24	100.00

Compatible Products

For use with 6" Laurel™ Light Engines



6" Laurel™ Commercial LED Frames



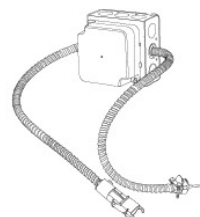
6" Architectural Frame
E6LH



6" Plaster Frame
E6LF



6" Remodel Frame
E6LR



6" Retrofit Kit
E6LT

PRODUCT NUMBER BUILDER

Frame Type		Voltage	Lumen		Dimming	Optional	Generation
E6LH	Architectural	U 120/277V	08	850 lm	D Triac/ELV/0-10V	EM1 Emergency Backup up to 700 lm output	(blank) Gen 1
E6LF	Plaster		12	1250 lm	S Sunset	EM2 Emergency Backup up to 1100 lm output	2 Gen 2
E6LR	Remodel		16	1600 lm	L Lutron		
E6LT	Retrofit		20	2000 lm			
			30	3000 lm			
			40	4000 lm			
			60	6000 lm			