

4" Reflector LED Light Engine Trims



Features	Specifications														
<ul style="list-style-type: none"> 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. 	<table> <tr> <td>Wattage</td><td>21.6W</td></tr> <tr> <td>Lumens</td><td>2000 lm</td></tr> <tr> <td>Color Temp.</td><td>SunsetK</td></tr> <tr> <td>Lamp Type</td><td>LED</td></tr> <tr> <td>Beam Angle</td><td>60°</td></tr> <tr> <td>CRI</td><td>93+</td></tr> <tr> <td>Wet Location</td><td>Listed</td></tr> </table>	Wattage	21.6W	Lumens	2000 lm	Color Temp.	SunsetK	Lamp Type	LED	Beam Angle	60°	CRI	93+	Wet Location	Listed
Wattage	21.6W														
Lumens	2000 lm														
Color Temp.	SunsetK														
Lamp Type	LED														
Beam Angle	60°														
CRI	93+														
Wet Location	Listed														

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.

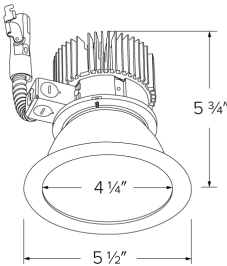
Installation: Must be installed on a Laurel System frame with compatible lumen rating. Frames are available for New Construction, Remodel and as a Retrofit Kit.

- 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.

Options
<div>    </div> <div> <div>Haze</div> <div>White</div> <div>Black</div> </div>
<div>   </div> <div> <div>Chrome</div> <div>Haze w/White Ring</div> </div>

Dimensions



Product Number Builder Example: E410L0827W2

ELCO 4" Reflector	Laurel	Lumens	Color Temp.	Finish
E410	L			
		08 850 lm	27 2700K	H All Haze

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

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

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

Generation



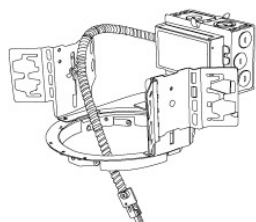
Gen 1
2 Gen 2

Compatible Products

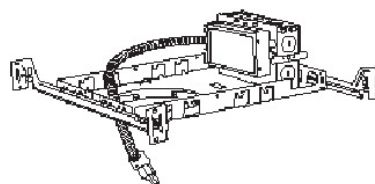
For use with 4" Laurel™ Light Engines



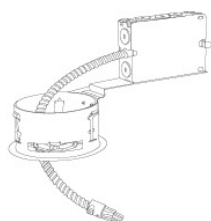
4" Laurel™ Commercial LED Frames



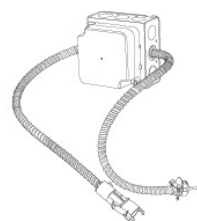
4" Architectural Frame
E4LH



4" Plaster Frame
E4LF



4" Remodel Frame
E4LR



4" Retrofit Kit
E4LT

PRODUCT NUMBER BUILDER

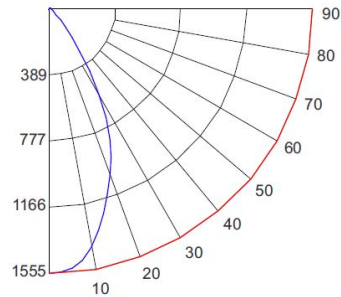
Frame Type		Voltage	Lumen	Dimming	Optional	Generation
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
E4LH	Architectural	U 120/277V	08 850 lm	D Triac/ELV/0-10V	EM1 Emergency Backup up to 700 lm output	(blank) Gen 1
E4LF	Plaster		12 1250 lm	S Sunset	EM2 Emergency Backup up to 1100 lm output	2 Gen 2
E4LR	Remodel		16 1600 lm	L Lutron		
E4LT	Retrofit		20 2000 lm			
			30 3000 lm			

LED Light Engine

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

PHOTOMETRIC REPORT

Product #: E410L1230
Wattage/Lumens: 15.7W/ 1124 Lm
Luminaire LPW: 72 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	1555
5	1530
15	1244
25	850
35	312
45	54
55	1
65	1
75	0
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	97.2	4.0'
6'	43.2	6.0'
8'	24.3	8.0'
10'	15.5	10.0'

ZONAL LUMEN SUMMARY

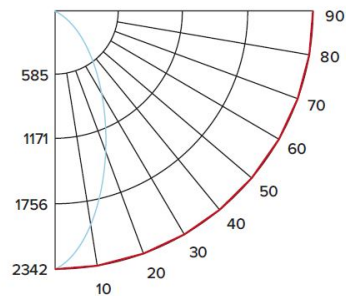
Zone	Lumens	% Luminaire
0-30°	868.78	77.30
0-40°	1072.36	95.40
0-60°	1122.45	99.90
0-90°	1123.58	100.00

LED Light Engine

Multiplier: 3000K (x 1.04), 3500K (x 1.08), 4000K (x 1.12)

PHOTOMETRIC REPORT

Product #: E410L2027H
Wattage/Lumens: 21.6W/ 1692 Lm
Luminaire LPW: 78 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	2342
5	2304
15	1873
25	1281
35	469
45	81
55	2
65	1
75	0
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	146	4.0'
6'	65.0	6.0'
8'	36.6	8.0'
10'	23.4	10.0'

ZONAL LUMEN SUMMARY

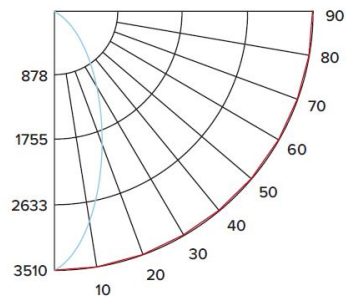
Zone	Lumens	% Luminaire
0-30°	1308.44	77.30
0-40°	1615.05	95.40
0-60°	1690.49	99.90
0-90°	1692.19	100.00

LED Light Engine

Multiplier: 3000K (x 1.04), 3500K (x 1.08), 4000K (x 1.12)

PHOTOMETRIC REPORT

Product #: E410L3027H
Wattage/Lumens: 31.5W/ 2537 Lm
Luminaire LPW: 81 Lm/W



CANDLE POWER SUMMARY

Degrees Vertical	0°
0	3510
5	3454
15	2808
25	1920
35	704
45	122
55	3
65	2
75	1
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	219	4.0'
6'	97.5	6.0'
8'	54.8	8.0'
10'	35.1	10.0'

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	1961.57	77.30
0-40°	2421.21	95.40
0-60°	2534.32	99.90
0-90°	2536.86	100.00