

Project name:		
Fixture type:		
Date:		

8" Wall Wash LED Light Engine Trims (850-6000 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	31W
Lumens	3000 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. Wall wash reflector pushes light in one direction to evenly light up a wall or frame.

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.

Sunset: Sunset color temperature is our dim-to-warm LED technology that allows the color temperature to become warmer as the product is dimmed. Our SUNSET items start at 3000K and go as low as 1800K when dimmed. For Sunset dim technology be sure to order an item with "Sunset" in the Color Temperature (CCT) attribute.

Listings: cULus Listed for Wet Location. RoHS Compliant.

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

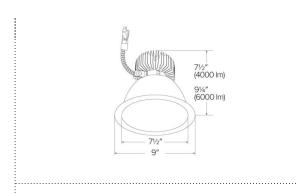
Options



850 lm - 3000 lm Series



4000 lm - 6000 lm Series



Product Number Builder Example: E811L0827W2

ELCO 8" Wall Wash	Laurel	Lumens	Color Temp.	Finish	Generation	Beam Angle
E811	L					
		08 850 lm 12 1250 lm 16 1600 lm 20 2000 lm 30 3000 lm 40 4000 lm 60 6000 lm	27 2700K ¹ 30 3000K 35 3500K 40 4000K 50 5000K ² SD Sunset ^{1, 3}	H All Haze (Semi- Specular) W All White B All Black C All Chrome Hw Haze with White Trim	2 Gen 2 1 Gen 1	60° -F 38° -N 24° -S 15° -S 15°

¹ Available for lumen packages up to 3000 lm only

² Available for lumen packages 16, 20, 30, 40 and 60 only

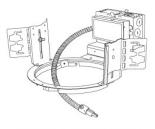
 $^{^{\}rm 3}$ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

Compatible Products

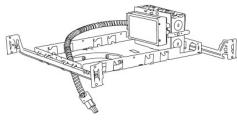


For use with **8" Laurel™ Light Engines**

8" Laurel™ Commercial LED Frames



8" Architectural Frame E8LH



8" Plaster Frame E8LF



8" Remodel Frame E8LR



8" Retrofit Kit E8LT

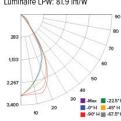
	PRODUCT NUMBER BUILDER						
Frame Type	Voltage	Lumen	Dimming		Optional	Genera	ation
E8LH Architectural	U 120/277V	08 850 lm	D Triac/ELV/0-10V	EM1	Emergency Backup up to 700 lm output	(blank)	Gen 1
E8LF Plaster		12 1250 lm	S Sunset	EM2	Emergency Backup up to 1100 lm output	2	Gen 2
E8LR Remodel		16 1600 lm	L Lutron				
E8LT Retrofit		20 2000 lm					
		30 3000 lm					
		40 4000 lm					
		60 6000 lm					

Photometric Report

8" Wall Wash LED Light Engine Trims

PHOTOMETRIC REPORT

Product #: E811L4040H2 Wattage / Lumens: 37.2 W / 3049.1 lm Luminaire LPW: 81.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°	
0	3025	
5	2776	
15	2187	
25	1494	
35	839	
45	495	
55	417	
65	312	
75	125	
85	30	
90	2	

ILLUMINANCE AT A DISTANCE

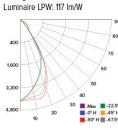
Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4'	189	4.2'
6′	84.0	6.3'
8′	47.3	8.4'
10′	30.3	10.5′

ZONAL LUMEN SUMMARY

	Zone	Lumens	%Luminaire
	0-30°	1,992.6	65.4
15	0-40°	2,601.1	85.3
	0-60°	2,947.0	96.7
	0 00°	3 048 8	100

PHOTOMETRIC REPORT

Product #: E811L6035H2 Wattage / Lumens: 37.2 W / 4353.5 lm



CANDLE POWER SUMMARY

Degress Vertical	0°	
0	4319	
5	3963	
15	3122	
25	2134	
35	1197	
45	706	
55	596	
65	445	
75	178	
85	43	
90	3	

ILLUMINANCE AT A DISTANCE

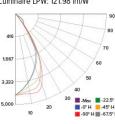
Distance to Target Plane	Center Beam Footcandles	Beam Diameter	
4'	270	4.2'	
6'	120	6.3'	
8′	67.5	8.4'	
10'	43.2	10.5'	

ZONAL LUMEN SUMMARY

	Zone	Lumens	%Luminaire	
	0-30°	2,845.3	65.4	_
107	0-40°	3,714.2	85.3	
	0-60°	4,208.1	96.7	
	0-90°	4.353.5	100	

PHOTOMETRIC REPORT

Product #: E811L6040H2 Wattage / Lumens: 37.2 W / 4537.8 lm Luminaire LPW: 121.98 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	4502
5	4131
15	3254
25	2224
35	1248
45	736
55	621
65	464
75	186
85	45
90	3

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diameter
4′	281	4.2'
6'	125	6.3'
8′	70.4	8.4'
10'	45.0	10.5′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	2,965.7	65.4
0-40°	3,871.5	85.3
0-60°	4,386.3	96.7
0-90°	4,537.8	100