

Date:			
Fixture type:			
Project name:			

4" LED Light Engine with Drop Glass Trim



Features

- 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	18W
Lumens	1600 lm
Color Temp.	5000K
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. Drop glass helps to virtually eliminate glare.

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



Haze(semispecular)





White

Blac





Chrome

laze w/White Trin

Dimensions



Product Number Builder Example: E412L0827W2

ELCO 4" Drop Glas	Laurel	Lumens	Color Temp.		Finish	Generation	Beam Angle
E412	L						
		08 850 lm	27 2700K ¹	w	All White	2 Gen 2	60º
		12 1250 lm	30 3000K	В	All Black	1 Gen 1	-F 38º ¹
		16 1600 lm	35 3500K	С	All Chrome		-N 24º ¹
		20 2000 lm	40 4000K	н	All Haze (Semi-		-S 15º ¹
		30 3000 lm	50 5000K		Specular)		- 20
			SD Sunset 1, 2	HW	Haze with White Trim		

¹ Available for lumen packages up to 3000 lm only

 $^{^{\}mathrm{2}}$ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

Compatible Products

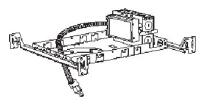


For use with **4" Laurel™ Light Engines**

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		Г	Dimming		Optional		Genera	ation
E4LH	Architectural	U 120/277V	08	850 lm	L	D Triac/ELV/0-10V	EM1	Emergency Backup up to 700 lm output	L	(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							