ELCO Lighting

Project name:

Fixture type:

Date:

6" LED Light Engine with Adjustable Trim (850-6000 lm)

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+
Damp Location	Listed

Options

Black

Chrome

All Haze(semi-specular)

Haze w/White Trim

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. Integral gimbal ring has adjustability up to ±25° ideal for sloped ceilings and wall wash applications.

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:

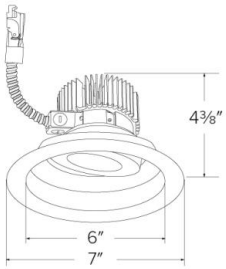
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

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 Damp Location. RoHS Compliant.

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

850 lm - 3000 lm Series



4000 lm - 6000 lm Series

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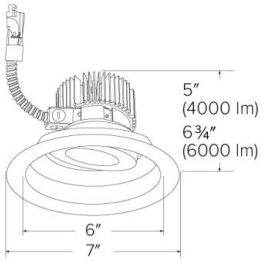

Product Number Builder

Example: **E618L0827W2**

ELCO 6" Adjustable	Laurel	Lumens	Color Temp.	Finish	Generation	Beam Angle
E618	**L**					
		08 850 lm	**27** 2700K [1]	**W** All White	**2** Gen 2	60º
		12 1250 lm	**30** 3000K	**B** All Black	**1** Gen 1	**-F** 38º [1]
		16 1600 lm	**35** 3500K	**C** All Chrome		**-N** 24º [1]
		20 2000 lm	**40** 4000K	**H** All Haze (Semi-Specular)		**-S** 15º [1]
		30 3000 lm	**50** 5000K	**HW** Haze with White Trim		
		40 4000 lm	**SD** Sunset [1, 2]			
		60 6000 lm				

[1] Available for lumen packages up to 3000 lm only

[2] Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

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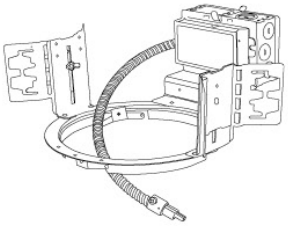
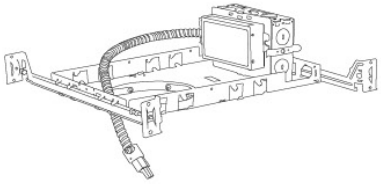
Compatible Products

For use with **6″ Laurel™ Light Engines**

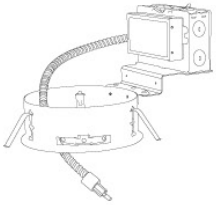
6″ Laurel™ Commercial LED Frames



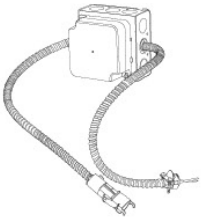
6″ Architectural Frame
E6LH



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						

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