

Project name:

Fixture type:

Date:

# 6" LED Light Engine with Adjustable Trim (4000-6000 Im)



### 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
Voltage	
Color Temp.	4000K
Dimmable	
Lamp Type	LED
Beam Angle	60°
CRI	93+
Wet Location	Listed

### Options

Dimensions



## **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  $\pm 25^{\circ}$  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.

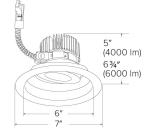
#### LED Technology:

- 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.

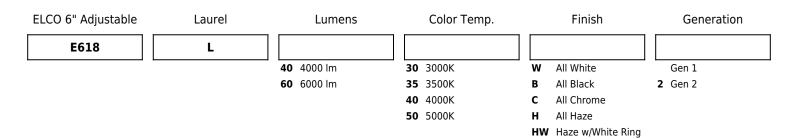
### Listings:

- cULus Listed for Wet Location.
- RoHS Compliant.

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



## Product Number Builder Example: E618L0827W2

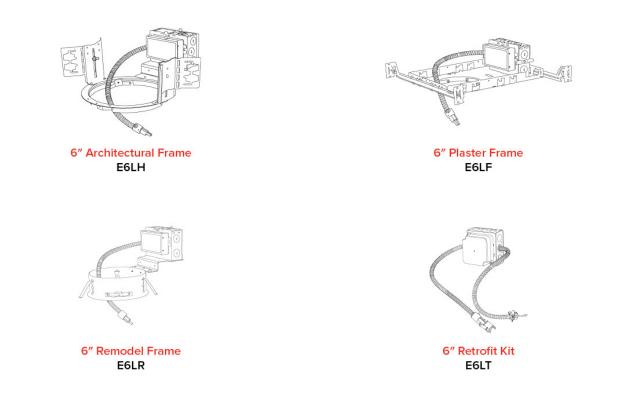


# **Compatible** Products

For use with 6" Laurel™ Light Engines



# 6" Laurel™Commercial LED Frames

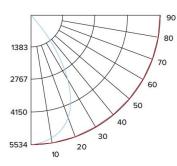


### PRODUCT NUMBER BUILDER

Fr	ame Type	Voltage		Lumen		Dimming			Optional	ſ	Gener	ation
E6LH	Architectural	<b>U</b> 120/277V	08	850 lm	[	Triac/ELV/0-10V	E	M1	Emergency Backup up to 700 Im output	L	(blank)	Gen 1
E6LF	Plaster		12	1250 lm	5	Sunset	E	12	Emergency Backup up to 1100 lm output		2	Gen 2
E6LR	Remodel		16	1600 lm		Lutron						
E6LT	Retrofit		20	2000 lm								
			30	3000 lm								
			40	4000 lm								
			60	6000 lm								

### PHOTOMETRIC REPORT

Product #: E618L6040H Wattage/Lumens: 70.3W/ 5668 Lm Luminaire LPW: 81 Lm/W



CANDLE POWER SUMMARY		
Degrees Vertical	0°	
0	5534	
5	5468	
15	4935	
25	4019	
35	2330	
45	476	
55	69	
65	23	
75	8	
85	1	
90	0	

### ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Footcandles Beam Center	Beam Diameter		
4'	346	5.2'		
6'	154	7.9'		
8'	86.5	10.5'		
10'	55.3	13.1'		

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30°	3733.68	65.90
0-40°	5157.83	91.00
0-60°	5634.92	99.40
0-90°	5668.25	100.00