

Project name:	
Fixture type:	
Date:	

# 6" LED Light Engine with Adjustable Trim (4000-6000 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	8.8W
Lumens	850 lm
Voltage	
Color Temp.	2700K
Dimmable	
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. 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:**

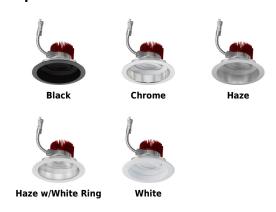
- Extremely accurate Color Rendering Index of 93+ CRI.
- Efficacy of >90 lumens per watt.
- Lumen Maintenance of 50,000 hours L70 Life based on LM80 standardized test results.
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixilation.

### Listings:

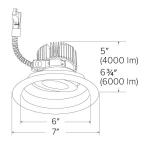
- cULus Listed for Wet Location.
- RoHS Compliant.

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

# **Options**



# **Dimensions**



# Product Number Builder Example: E618L0827W2

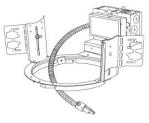
ELCO 6" Adjustable	Laurel	Lumens	Color Temp.	Finish	Generation
E618	L				
		<b>40</b> 4000 lm	<b>30</b> 3000K	<b>W</b> All White	Gen 1
		<b>60</b> 6000 lm	<b>35</b> 3500K	<b>B</b> All Black	<b>2</b> Gen 2
			<b>40</b> 4000K	C All Chrome	
			<b>50</b> 5000K	<b>H</b> All Haze	
				HW Haze w/White Ring	

# **Compatible** Products

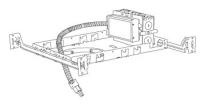


For use with **6" Laurel™ Light Engines** 

# 6" Laurel™ Commercial LED Frames



6" Architectural Frame E6LH



6" Plaster Frame E6LF



6" Remodel Frame E6LR



6" Retrofit Kit E6LT

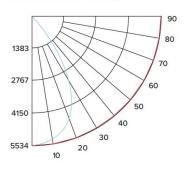
					PR	ODUCT NUMBER I	BUILDE	R			
Fr	ame Type	Voltage		Lumen		Dimming		Optional	ı	Gener	ation
E6LH	Architectural	<b>U</b> 120/277V	08	850 lm	D	Triac/ELV/0-10V	EM1	Emergency Backup up to 700 lm output		(blank)	Gen 1
E6LF	Plaster		12	1250 lm	S	Sunset	EM2	Emergency Backup up to 1100 lm output		2	Gen 2
E6LR	Remodel		16	1600 lm	L	Lutron					
E6LT	Retrofit		20	2000 lm							
			30	3000 lm							
			40	4000 lm							
			60	6000 lm							

# **LED Light Engine**

Multiplier: 2700K (x 0.88), 3000K (x 0.92), 3500K (x 0.96), 5000K (x 1.04)

## PHOTOMETRIC REPORT

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



# **CANDLE POWER SUMMARY**

Degrees Vertical	O°
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 5.2'		
4'	346			
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