

Project name:

Fixture type:

Date:

## 6" LED Light Engine with **Baffle Trim**

The perfect lighting solution for high-end residential and light commercial projects.



### Features

- High efficacy LED module.
- Triac/ELV/0-10V dimming. •
- Life span of 50,000 hours L70. •
- USA designed and assembled.
- Limited 5 year warranty.
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

### Specifications

8.76W
850 lm
3500K
LED
60°
93+
Listed

### Options



#### All White

Dimensions

### **Technical Details**

Optics: Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.

Trim Construction: Reflector is two piece trim for maximum color versatility. Design allows for minimal glare and a strong glare cut-off. Trim is constructed of metal for lasting durability.

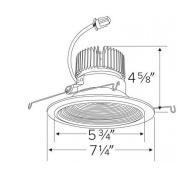
Installation: Must be installed on a Cedar™ System frame with compatible lumen rating. Frames are available for New Construction and Remodel as IC or non-IC.

#### LED Technology:

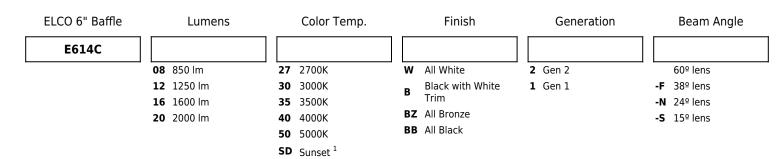
- Extremely accurate Color Rendering Index of 93+.
- Efficacy of 97 lumens per watt. •
- Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results. •
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixelation. •

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: cUL Listed for Wet Location. RoHS Compliant. California Title 24 (JA8-2016-E).



## Product Number Builder Example: E614C0827W2



<sup>1</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

## **LED Light Engine**

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

PHOTOMETRIC REPORT	CANDLE POWER	SUMMARY	ILLUMINANCE AT A DIS	TANCE	
Product #: E614C2040	Degrees Vertical	0°	Distance to Target Plane	Footcandles Beam Center	Beam Diameter
Wattage/Lumens: 21.6W/ 1873 Lm Luminaire LPW: 87 Lm/W	0	2356	4'	147	4.5'
	5	2304	6'	65.4	6.8'
90	15	1867	8'	36.8	91'
589 80	25	1498	10'	23.6	11.3'
70	35	638			
1178 60	45	58	ZONAL LUMEN SUMMA	ARY	
	55	2	Zone	Lumens	% Luminaire
1767 50	65	1	0-30°	1404.49	75.00
30 40	75	0	0-40°	1806.64	96.50
2356 20	85	0	0-60°	1871.47	99.90
10	90	0	0-90°	1872.88	100.00

# **Compatible** Products

For use with 6" Cedar™ Light Engines

## 6" Cedar™ Dedicated LED ICA Housings



## 6" Cedar™ Dedicated LED Non-IC Housings



PRODUCT NUMBER BUILDER												
Housing Type			Lumen	ICA Airtight		Dimming		Optional				
E6FH	FH Fire Rated		08 850 lm (Blank) Non-IC		(Blank) Non-IC		<) 120V Triac/ELV	<b>EM1</b> Emergency Backup up to 700 lm output				
E6LC	New Construction	12	1250 lm	ICA	IC Airtight	D	120/277V Triac/ELV/0-10V	EM2 Emergency Backup up to 1100 Im output				
E6LRC	Remodel	16	1600 lm			L	Lutron					
		20	2000 lm									

2042 E. Vernon Ave., Vernon, CA 90058 • Tel (323) 231-2600 Fax (323) 231-3200 • elcolighting.com © ELCO Lighting 2025. All rights reserved • Rev. 19 Mar 2024 • ELCO Lighting reserves the right to make specification and design changes without notice.