

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

Wattage	18W			
Lumens	1600 lm			
Color Temp.	3000K			
Lamp Type	LED			
Beam Angle	60°			
CRI	93+			
Wet Location	Listed			

### Options



#### All White

Black w/White ring

## 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:

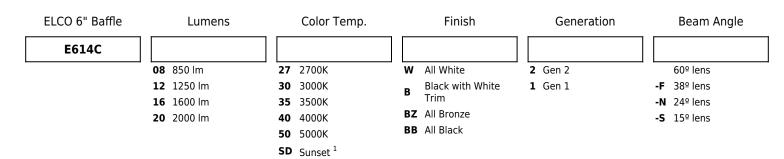
- Extremely accurate Color Rendering Index of 93+.
- Efficacy of 97 lumens per watt. •
- Lumen Maintaince of 50,000 hours L70 Life based on LM80 standardized test results. •
- Superior Thermal Management by utilizing ELCO Red heat sink.
- Instant On to Full Brightness technology.
- No LED pixelation.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

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 DISTANCE			
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 SUMMARY			
	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 Airt		Airtight	ight Dimming		Optional				
E6FH	Fire Rated	08	850 lm	(Blank	(Blank) Non-IC		<) 120V Triac/ELV	<b>EM1</b> Emergency Backup up to 700 Im 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								

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