

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
12.88W
Lumens
1250 lm
Color Temp.
3000K
Lamp Type
LED
Beam Angle
60°
CRI
93+
Wet Location
Listed

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 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 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).

Options



All White

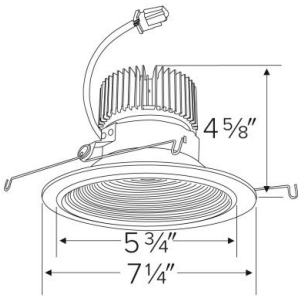


Black w/White ring



All Bronze

Dimensions



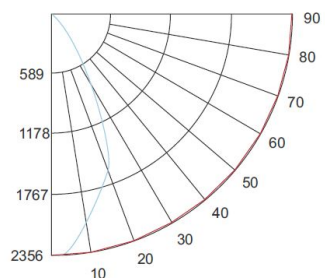
Product Number Builder Example: E614C0827W2

ELCO 6" Baffle	Lumens	Color Temp.	Finish	Generation	Beam Angle			
E614C								
08	850 lm	27	2700K	W	All White	2	Gen 2	60° lens
12	1250 lm	30	3000K	B	Black with White Trim	1	Gen 1	-F 38° lens
16	1600 lm	35	3500K	BZ	All Bronze			-N 24° lens
20	2000 lm	40	4000K	BB	All Black			-S 15° lens
		50	5000K					
		SD	Sunset ¹					

¹ Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

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

Product #: E614C2040
Wattage/Lumens: 21.6W/ 1873 Lm
Luminaire LPW: 87 Lm/W



Degrees Vertical	0°
0	2356
5	2304
15	1867
25	1498
35	638
45	58
55	2
65	1
75	0
85	0
90	0

Distance to Target Plane	Footcandles Beam Center	Beam Diameter
4'	147	4.5'
6'	65.4	6.8'
8'	36.8	9.1'
10'	23.6	11.3'

Zone	Lumens	% Luminaire
0-30°	1404.49	75.00
0-40°	1806.64	96.50
0-60°	1871.47	99.90
0-90°	1872.88	100.00

Compatible Products

For use with 6" Cedar™ Light Engines



6" Cedar™ Dedicated LED ICA Housings



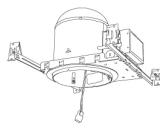
2-Hour Fire Rated
6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
E6FH	Up to 1250lm



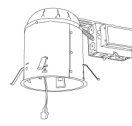
6" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
E6LC	Up to 2000lm



6" ICA Housing
New Construction

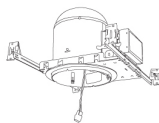
CAT NO.	SPECIFICATIONS
E6LC	Up to 1250lm



6" ICA Housing
Remodel

CAT NO.	SPECIFICATIONS
E6LRC	Up to 1250lm

6" Cedar™ Dedicated LED Non-IC Housings



6" Non-IC Housing
New Construction

CAT NO.	SPECIFICATIONS
E6LC	Up to 2000lm



6" Non-IC Housing
Remodel

CAT NO.	SPECIFICATIONS
E6LRC	Up to 2000lm

PRODUCT NUMBER BUILDER

Housing Type	Lumen	ICA Airtight	Dimming	Optional
E6FH Fire Rated	08 850 lm	(Blank) Non-IC	(Blank) 120V Triac/ELV	EM1 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 lm output
E6LRC Remodel	16 1600 lm		L Lutron	
	20 2000 lm			