

# 6" LED Light Engine with Adjustable 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

<b>Wattage</b>	8.76W - 20.6W
<b>Lumens</b>	850 lm - 2000 lm
<b>Color Temp.</b>	2700K - SunsetK
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	60°
<b>CRI</b>	93+
<b>Damp Location</b>	Listed

## Options



## 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.

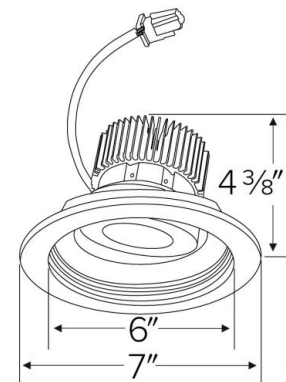
### LED Technology:

- 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).

## Dimensions



Product Number Builder


Example: E616C0827W2

ELCO 6" Adjustable Baffle	Lumens	Color Temp.	Finish	Generation	Beam Angle
E616C					
	08 850 lm	27 2700K	W All White	2 Gen 2	60° lens
	12 1250 lm	30 3000K	BZ All Bronze	1 Gen 1	-F 38° lens
	16 1600 lm	35 3500K	B Black with White Trim		-N 24° lens
	20 2000 lm	40 4000K			-S 15° lens
		50 5000K			
		SD Sunset <sup>1</sup>			

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


For use with 6" Cedar™ Light Engines

## 6" Cedar™ Dedicated LED ICA Housings



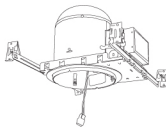
2-Hour Fire Rated  
6" ICA Housing  
New Construction

CAT NO.	SPECIFICATIONS
E6FH	Up to 1250lm



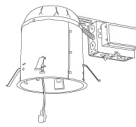
6" ICA Housing  
New Construction

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

A technical line drawing of a 6-inch non-IC housing for new construction. It shows a cylindrical main body with a mounting bracket on the side that has two long, angled screws for securing it to a ceiling. A cable or conduit is shown exiting from the bottom of the housing.

6" Non-IC Housing  
**New Construction**

A technical line drawing of a 6-inch non-IC housing for remodel. It features a similar cylindrical body but with a different mounting bracket on the side, which includes a single screw and a clip for attachment to an existing ceiling. A cable or conduit exits from the bottom.

6" Non-IC Housing  
**Remodel**

CAT NO.	SPECIFICATIONS
E6LC	Up to 2000lm

CAT NO.	SPECIFICATIONS
E6LRC	Up to 2000lm

PRODUCT NUMBER BUILDER					
Housing Type		Lumen	ICA Airtight	Dimming	Optional
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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			