

# 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

|               |                  |
|---------------|------------------|
| Wattage       | 8.76W - 20.6W    |
| Lumens        | 850 lm - 2000 lm |
| Color Temp.   | 2700K - SunsetK  |
| Lamp Type     | LED              |
| Beam Angle    | 60°              |
| CRI           | 93+              |
| Damp Location | 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 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).

## 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> |                         |            |             |

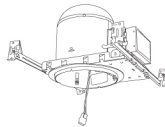
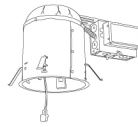
<sup>1</sup> Sunset, Dim to Warm technology, automatically transitions from 3000K to 1800K when dimmed

# Compatible Products

For use with 6" Cedar™ Light Engines



## 6" Cedar™ Dedicated LED ICA Housings

|  |  |  |  |         |                |         |                |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|----------------|---------|----------------|
| 2-Hour Fire Rated<br>6" ICA Housing<br>New Construction                           | 6" ICA Housing<br>New Construction                                                | 6" ICA Housing<br>New Construction                                                 | 6" ICA Housing<br>Remodel                                                           |         |                |         |                |
| CAT NO.                                                                           | SPECIFICATIONS                                                                    | CAT NO.                                                                            | SPECIFICATIONS                                                                      | CAT NO. | SPECIFICATIONS | CAT NO. | SPECIFICATIONS |
| E6FH                                                                              | Up to 1250lm                                                                      | E6LC                                                                               | Up to 2000lm                                                                        | E6LC    | Up to 1250lm   | 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 circular ceiling-mounted fixture with a central light source and a mounting bracket with screws for installation.

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

A technical line drawing of a 6-inch non-IC housing for remodel. It shows a circular ceiling-mounted fixture with a central light source and a mounting bracket with screws for installation, similar to the new construction version but with a slightly different mounting profile.

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                                  |
| <div></div>            |                  | <div></div> | <div></div>     | <div></div>                | <div></div>                               |
| 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  |                 |                            |                                           |