

# 3" LED Light Engine with Reflector Trim

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



## Features

- High efficacy LED module.
- Triac/ELV/0-10V dimming.
- Must be used with ELCO 3" Cedar™ System Housings.
- Frosted acrylic module lens for even lumen distribution.
- 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	9.6W
Lumens	850 lm
Color Temp.	4000K
Lamp Type	LED
Beam Angle	60°
CRI	93+
Wet 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 housing with compatible lumen rating.

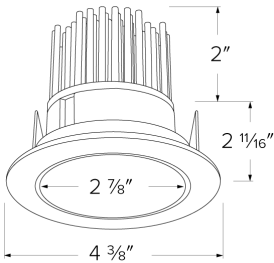
### LED Technology:

- 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 pixilation.

**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.

## Dimensions



Product Number Builder

Example: E310C0827W2

ELCO Cedar 3" Light Engine	Lumen	Color Temp	Finish	Generation	Beam Angle
E310C					
	08 850 lm	27 2700K	W All White	2 Gen 2	60° lens
	10 1000 lm	30 3000K	B Black with White Trim	1 Gen 1	-F 38° lens
		35 3500K	C Chrome with White Trim		-N 24° lens
		40 4000K	H Haze with White Trim		-S 15° lens
		50 5000K			
		SD Sunset <sup>1</sup>	BZ All Bronze		
			BB All Black		

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

# Compatible Products

For use with 3" Cedar™ Light Engines



## 3" Cedar™ Dedicated LED ICA Housings



2-Hour Fire Rated  
3" ICA Housing  
New Construction

CAT NO.	SPECIFICATIONS
E3FH	Up to 850lm



3" ICA Housing  
New Construction

CAT NO.	SPECIFICATIONS
E3LC	Up to 850lm



3" ICA Housing  
Remodel

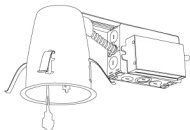
CAT NO.	SPECIFICATIONS
E3LRC	Up to 850lm

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



3" Non-IC Housing  
New Construction

CAT NO.	SPECIFICATIONS
E3LC	Up to 1000lm



3" Non-IC Housing  
Remodel

CAT NO.	SPECIFICATIONS
E3LRC	Up to 1000lm

PRODUCT NUMBER BUILDER				
Housing Type	Lumen	ICA Airtight	Dimming	Optional
<div>E3FH Fire Rated</div>	<div>08 850 lm</div>	<div>(Blank) Non-IC</div>	<div>(Blank) 120V Triac/ELV</div>	<div>EM1 Emergency Backup up to 700 lm output</div>
<div>E3LC New Construction</div>	<div>10 1000 lm</div>	<div>ICA IC Airtight</div>	<div>D 120/277V Triac/ELV/0-10V</div>	<div>EM2 Emergency Backup up to 1100 lm output</div>
<div>E3LRC Remodel</div>			<div>L Lutron</div>	