

# 3" Reflector Light Engine

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.
- 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>	9.6W
<b>Lumens</b>	850 lm
<b>Color Temp.</b>	3000K
<b>Lamp Type</b>	LED
<b>Beam Angle</b>	60°
<b>CRI</b>	93+
<b>Damp Location</b>	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 housing 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 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.

## Options



All White



Black w/White Trim



Chrome w/White Square



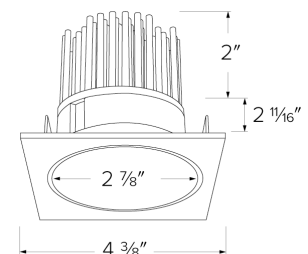
Haze w/White Trim



All Bronze



All Black



Product Number Builder

Example: E320C0827W2

ELCO Cedar 3" Light Engine	Lumen	Color Temperature	Finish	Generation	Beam Angle
E320C					
	08 850 lm	27 2700K	W 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			-S 15° lens
		50 5000K	H Haze with White Trim		
		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
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>E3FH</b> Fire Rated	<b>08</b> 850 lm	<b>(Blank)</b> Non-IC	<b>(Blank)</b> 120V Triac/ELV	<b>EM1</b> Emergency Backup up to 700 lm output
<b>E3LC</b> New Construction	<b>10</b> 1000 lm	<b>ICA</b> IC Airtight	<b>D</b> 120/277V Triac/ELV/0-10V	<b>EM2</b> Emergency Backup up to 1100 lm output
<b>E3LRC</b> Remodel			<b>L</b> Lutron	