

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

Wattage	9.6W
Lumens	850 lm
Color Temp.	5000K
Lamp Type	LED
Beam Angle	60°
CRI	93+
Damp 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 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



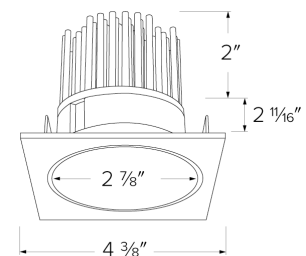
Haze w/White Trim



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 ¹	BZ All Bronze		
			BB All Black		

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

Compatible Products

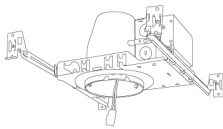
For use with 3" Cedar™ Light Engines

3" Cedar™ Dedicated LED ICA Housings



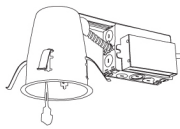
2-Hour Fire Rated
3" ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
E3FH	Up to 850lm



3" ICA Housing
New Construction

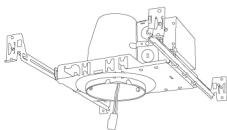
CAT NO.	SPECIFICATIONS
E3LC	Up to 850lm



3" ICA Housing
Remodel

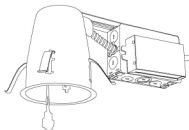
CAT NO.	SPECIFICATIONS
E3LRC	Up to 850lm

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
E3FH	Fire Rated	08 850 lm	(Blank) Non-IC	(Blank) 120V Triac/ELV	EM1 Emergency Backup up to 700 lm output
E3LC	New Construction	10 1000 lm	ICA IC Airtight	D 120/277V Triac/ELV/0-10V	EM2 Emergency Backup up to 1100 lm output
E3LRC	Remodel			L Lutron	