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.

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 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 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.

Specifications

Wattage	11W
Lumens	1000 lm
Color Temp.	2700K
Lamp Type	LED
Beam Angle	60°
CRI	93+
Damp Location	Listed

Options

All White

Black w/White Trim

Chrome w/White Square

Haze w/White Trim

All Bronze

All Black

2"

2 11/16"

2 7/8"

4 3/8"

Product Number Builder   Example: **E320C0827W2**

ELCO Cedar 3" Light Engine	Lumen	Color Temperature	Finish	Generation	Beam Angle
E320C					

Lumen
08 850 lm
10 1000 lm

Color Temperature
27 2700K
30 3000K
35 3500K
40 4000K
50 5000K
SD Sunset [1]

Finish
W White
B Black with White Trim
C Chrome with White Trim
H Haze with White Trim
BZ All Bronze
BB All Black

Generation
2 Gen 2
1 Gen 1

Beam Angle
60º lens
-F 38º lens
-N 24º lens
-S 15º lens

[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		