

Project name:		
Fixture type:		
Date:		

## 4" LED Light Engine with Drop Glass 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 4" 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	18W
Lumens	1600 lm
Color Temp.	3500K
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 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.

#### **Options**







Black w/White Trim

All Bronze

Chrome w/White Trim







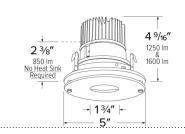
Chrome w/Nickel Haze w/White Trim

All White



All Black

#### **Dimensions**



ELCO 4" Drop Glass Finish Lumens Color Temp. Generation Beam Angle Reflector E412C **08** 850 lm **27** 2700K W All White 2 Gen 2 60º lens **12** 1250 lm **30** 3000K **BB** All Black **1** Gen 1 **-F** 38º lens -N 24º lens **16** 1600 lm **35** 3500K BZ All Bronze **40** 4000K Black with White **-S** 15º lens Trim **50** 5000K Chrome with White **SD** Sunset <sup>1</sup> Trim Haze with White Trim

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

# **Compatible** Products

For use with **4" Cedar™ Light Engines** 



## 4" Cedar™ Dedicated LED ICA Housings



2-Hour Fire Rated 4" ICA Housing New Construction

CAT NO.	SPECIFICATIONS
E4FH	Up to 850 lm



4" ICA Housing

New Construction

CAT NO.	SPECIFICATIONS
F4LC	Up to 1600 lm



4" ICA Housing

New Construction

CAT NO.	SPECIFICATIONS
F4I C	Un to 850 lm



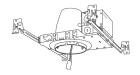
4" ICA Housing Remodel

CAT NO.	SPECIFICATIONS
E4LRC	Up to 850 lm

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



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



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



4" Non-IC Housing Remodel

CAT NO.	SPECIFICATIONS
E4LC	Up to 1600 lm

CAT NO.	SPECIFICATIONS
E4LC	Up to 1250 lm

CAT NO.	SPECIFICATIONS
E4LRC	Up to 1250 lm

#### PRODUCT NUMBER BUILDER Optional Housing Type Lumen Dimming E4FH Fire Rated (up to 850) 80 850 lm (8.76W) (Blank) Non-IC (Blank) 120V Triac/ELV E4LC New Construction 12 1250 lm (12.88W) ICA IC Airtight D 120/277V Triac/ELV/0-10V E4LRC Remodel 1600 lm (18W) SD Sunset Lutron