ELCO Lighting

Project name:

Fixture type:

Date:

6" LED Light Engine with Adjustable Baffle Trim

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

Features

- High efficacy LED module.
- Triac/ELV/0-10V dimming.
- 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	12.88W
Lumens	1250 lm
Color Temp.	2700K
Lamp Type	LED
Beam Angle	60°
CRI	93+
Damp Location	Listed

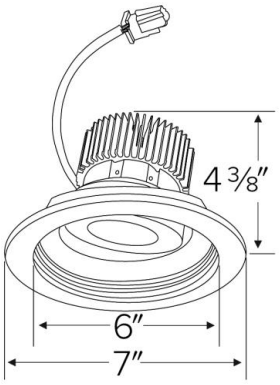
Options

Black w/White Trim

All Bronze

All White

Dimensions



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 frame 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 pixelation.

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. California Title 24 (JA8-2016-E).

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Product Number Builder Example: **E616C0827W2**

ELCO 6" Adjustable Baffle	Lumens	Color Temp.	Finish	Generation	Beam Angle
E616C	**08** 850 lm **12** 1250 lm **16** 1600 lm **20** 2000 lm	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **50** 5000K **SD** Sunset [1]	**W** All White **BZ** All Bronze **B** Black with White Trim	**2** Gen 2 **1** Gen 1	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

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Compatible Products

For use with **6″ Cedar™ Light Engines**

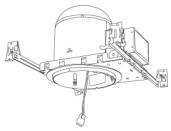
6″ Cedar™ Dedicated LED ICA Housings

2-Hour Fire Rated
6″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
E6FH	Up to 1250lm

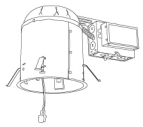
6″ ICA Housing
New Construction

CAT NO.	SPECIFICATIONS
E6LC	Up to 2000lm



6″ ICA Housing
New Construction

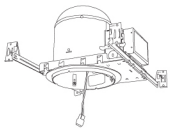
CAT NO.	SPECIFICATIONS
E6LC	Up to 1250lm



6″ ICA Housing
Remodel

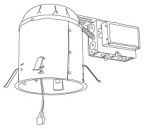
CAT NO.	SPECIFICATIONS
E6LRC	Up to 1250lm

6″ Cedar™ Dedicated LED Non-IC Housings



6″ Non-IC Housing
New Construction

CAT NO.	SPECIFICATIONS
E6LC	Up to 2000lm



6″ Non-IC Housing
Remodel

CAT NO.	SPECIFICATIONS
E6LRC	Up to 2000lm

PRODUCT NUMBER BUILDER

Housing Type		Lumen		ICA Airtight		Dimming		Optional	
E6FH	Fire Rated	**08**	850 lm	**(Blank)**	Non-IC	**(Blank)**	120V Triac/ELV	**EM1**	Emergency Backup up to 700 lm output
E6LC	New Construction	**12**	1250 lm	**ICA**	IC Airtight	**D**	120/277V Triac/ELV/0-10V	**EM2**	Emergency Backup up to 1100 lm output
E6LRC	Remodel	**16**	1600 lm			**L**	Lutron		
		20	2000 lm						

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