

# 6" Cedar System New Construction IC Airtight Housing w/Driver

Single Wall IC Airtight housing for high-end residential and light commercial, 850 to 1250 lumens.



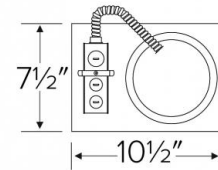
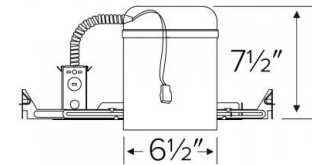
## Features

- UL Listed for direct contact with insulation.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Meets Title 24 requirements. ENERGY STAR® Certified.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 6" LED Light Engines.

## Specifications

<b>Lumens</b>	850 lm
<b>Voltage</b>	120V
<b>Dimmable</b>	Triac/ELV
<b>Power Factor</b>	≥0.95
<b>Damp Location</b>	Listed

## Dimensions



## Technical Details

### Construction:

- Single wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. 850 or 1250 lumens.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

### Installation:

- Designed for ceiling plenums where 2x8 joists or taller are used.
- High strength hanger bars can easily be nailed to joists.
- Suitable for T-grid and drop ceiling applications.
- See installation sheet for detailed information.

**Junction Box:** Positioned to accommodate straight conduit runs. Two 3/4" knockouts, Seven 1/2" trade size conduit knockouts, One 3/8" knockout. Four Pry-out knockout slots for easy romex installation.

**Hanger Bars:** Pre Installed hanger bars with True Nail easy installation in regular lumber, engineered lumber, and Laminated Beams. Integral T-bar slots for easy installation in T-Bars. Spans up 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while easily aligning the housings with the joists.

### Electrical:

- Driver is rated for 120V and 277V input (120/277V).
- High Efficiency driver with a power factor > 0.95.

### Dimmability:

- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 5% with a compatible dimmer.
- Can be specified with Lutron drivers for 0.1% and 1% dimming.
- For a full list of dimmers refer to the Dimmer Compatibility List.

**Listings:** UL Listed for Damp Location and for Wet Location with select trims. UL Listed for Direct Contact with Insulation and Combustible Material. UL Listed for Feed Through.

## Product Number

Item	Lumens	Voltage	Dimming
<b>E6LC08ICA</b>	850 lm	120V	Triac/ELV

# Product Number Builder

Example: **E6LC08ICA**

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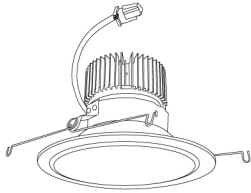
ELCO Cedar 6" Housing	Lumens	IC Airtight	Dimming	Optional
<input type="text" value="E6LC"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<b>08</b> 850 lm <b>12</b> 1250 lm <b>16</b> 1600 lm	<b>ICA</b> ICA	<b>(Blank)</b> 120V Triac/ELV <b>D</b> 120/277V Triac/ELV/0-10V <b>SD</b> Sunset <b>L</b> Lutron	No EM <b>EM1</b> Emer. Backup up to 700 lm <b>EM2</b> Emer. Backup to 1100 lm

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# Compatible Products

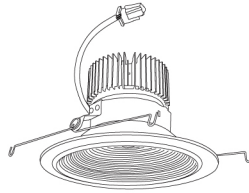
For use with 6" Cedar™ IC and Non-IC LED housings

## 6" Round Cedar™ LED Light Engines



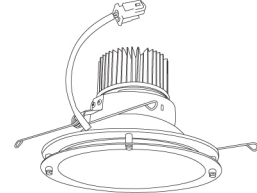
**E610C**  
**Round Reflector Trim**

Finishes:  
(W, B, BZ, C, G, H)



**E614C**  
**Round Baffle Trim**

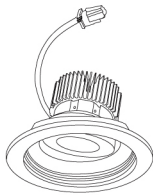
Finishes:  
(W, B, BB, BZ)



**E612C**  
**Drop Glass Reflector Trim**

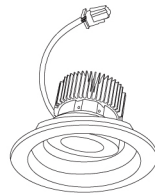
Finishes:  
(W, B, BZ, C, G, H)

## 6" Adjustable Cedar™ LED Light Engines



**E616C**  
**Adjustable Baffle Trim**

Finishes:  
(W, BB, BZ)



**E617C**  
**Adjustable Reflector Trim**

Finishes:  
(W, BB, BZ, C, H)

### PRODUCT NUMBER BUILDER

Cedar™ Trim		Lumen		Color Temperature		Finish	
<b>E610C</b>	Reflector	<b>08</b>	850 lm	<b>27</b>	2700K	<b>W</b>	All White
<b>E614C</b>	Baffle	<b>12</b>	1250 lm	<b>30</b>	3000K	<b>B</b>	Black w/White Ring
<b>E612C</b>	Drop Glass	<b>16</b>	1600 lm	<b>35</b>	3500K	<b>BB</b>	All Black
<b>E616C</b>	Adjustable Baffle			<b>40</b>	4000K	<b>BZ</b>	All Bronze
<b>E617C</b>	Adjustable Reflector			<b>50</b>	5000K	<b>C</b>	Chrome w/White Ring
				<b>SD</b>	Sunset Dimming	<b>G</b>	Gold w/White Ring
						<b>H</b>	Haze w/White Ring