

6" Cedar System New Construction 2-Hour Fire Rated Housing w/Driver

2-Hour Fire Rated for use with Cedar System LED Light Engines.



Features

- UL Listed for 2-Hour Fire Resistance to meet and exceed strict fire safety codes.
- Integrated Non-combustible insulation acts as a sound barrier minimizing sound transfer between floors.
- 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

Lumens	850 lm - 1250 lm
Voltage	120/277V or 120V
Dimmable	Triac/ELV, Triac/ELV/0-10V, Sunset
Power Factor	≥0.95
Damp Location	Listed

Options



Optional Butterfly Bracket

Technical Details

Construction:

- Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. Up to 2000 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.
- Emergency Battery Back-up Option requires access from above.

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:

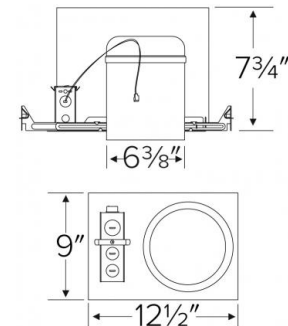
- Driver is rated for 120V and 277V input (120/277V).
- High Efficiency driver with a power factor > 0.95.

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.

Dimensions



Product Numbers

Item	Lumens	Voltage	Dimming
E6FH08ICA	850 lm	120V	Triac/ELV
E6FH08ICAD	850 lm	120/277V	Triac/ELV/0-10V
E6FH08ICASD	850 lm	120/277V	Sunset
E6FH12ICA	1250 lm	120V	Triac/ELV
E6FH12ICAD	1250 lm	120/277V	Triac/ELV/0-10V
E6FH12ICASD	1250 lm	120/277V	Sunset

Product Number Builder

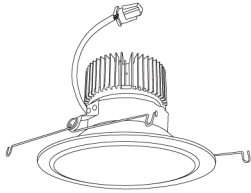
Example: **E6FH08ICA**

ELCO Cedar 6" Fire Housing	Lumens	IC Airtight	Dimming	Optional
E6FH				
	08 850 lm 12 1250 lm	ICA ICA	(Blank) 120V Triac/ELV D 120/277V Triac/ELV/0-10V SD Sunset L Lutron	No EM EM1 Emer. Backup up to 700 lm EM2 Emer. Backup to 1100 lm B Butterfly Bracket

Compatible Products

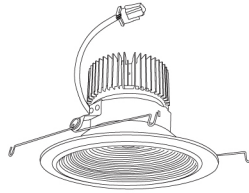
For use with 6" Cedar™ IC and Non-IC LED housings

6" Round Cedar™ LED Light Engines



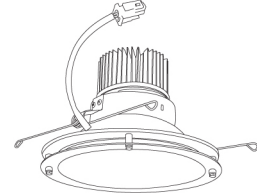
E610C
Round Reflector Trim

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



E614C
Round Baffle Trim

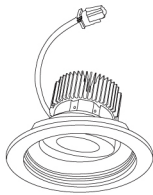
Finishes:
(W, B, BB, BZ)



E612C
Drop Glass Reflector Trim

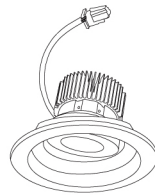
Finishes:
(W, B, BZ, C, G, H)

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	
E610C	Reflector	08	850 lm	27	2700K	W	All White
E614C	Baffle	12	1250 lm	30	3000K	B	Black w/White Ring
E612C	Drop Glass			35	3500K	BB	All Black
E616C	Adjustable Baffle			40	4000K	BZ	All Bronze
E617C	Adjustable Reflector			50	5000K	C	Chrome w/White Ring
				SD	Sunset Dimming	G	Gold w/White Ring
						H	Haze w/White Ring