

Project name:

Fixture type:

Date:

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

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

Features

- cUL 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.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 4" LED Light Engines.
- 2 at the end of the item number denotes Generation 2. Please note Gen 2 and Gen 1 are not cross compatible.

Technical Details

Construction:

- Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions.
- 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.

Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

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.

Specifications

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

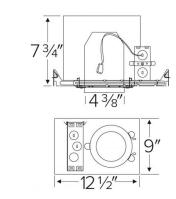


Options



Optional Butterfly Bracket

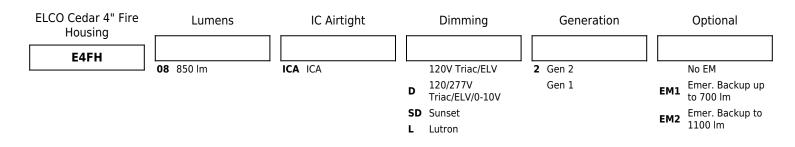
Dimensions



Product Numbers

Item	Lumens	Voltage	Dimming
E4FH08ICA2	850 lm	120V	Triac/ELV
E4FH08ICAD2	850 lm	120/277V	Triac/ELV/0-10V
E4FH08ICASD	850 lm	120/277V	Sunset

Product Number Builder Example: E4FH08ICA2



Compatible Products

For use with 4" Cedar™ IC LED housings



4" Cedar™ LED Light Engines



Round Reflector Trim

E410C Finishes: (W, B, C, H, BZ, BB, MW, MB)



Round Pinhole Trim

E429C Finishes: (W, B, C)



Round on Sq. Baffle Trim E424C Finishes: (W, B, BZ, BB)



Wall Wash Reflector Trim

E411C Finishes: (W, B, C, H, BZ, BB, MW, MB)



Square on Sq. Baffle Trim

E415C Finishes: (W, BZ)



Round Adjustable Trim E418C Finishes: (W, C, BB, BZ)



Drop Glass Reflector Trim

E412C Finishes: (W, B, C, H, BB, MW, MB)



Square on Sq. Reflector Trim

E417C Finishes: (W, BZ)



Square Adjustable Trim E428C Finishes: (W, C, BB, BZ)



Round Baffle Trim

E414C Finishes: (W, B, BZ, BB)



Round on Sq. Reflector Trim E420C Finishes: (W, C, H, BZ, BB)

		PRODUCT NUMBER BUILDER							
4″ Cedar™ Trim E4		Style		Lumen		Color Temperature		Finish	
	10C	Reflector	08	850 lm (8.76W)	27	2700K	w	All White	
	11C	Wall Wash			30	3000K	в	Black w/White Ring	
	12C	Drop Glass			35	3500K	BZ	All Bronze	
	14C	Baffle			40	4000K	BB	All Black	
	15C	Sq. on Sq. Baffle			50	5000K	С	Chrome w/White Ring	
	17C	Sq. on Sq. Reflector			SD	Sunset Dimming	н	Haze w/White Ring	
	18C	Round Adjustable					MW	Matte White	
	20C	Round on Sq. Reflector					MB	Matte Black	
	24C	Round on Sq. Baffle							
	28C	Square Adjustable							

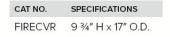
Compatible Products

For use with 4" Cedar™ IC LED housings

4" Accessories



Fire Cover





Fire Enclosure

 CAT NO.
 SPECIFICATIONS

 FIREENCL
 20 % " L × 14 %" W

 FIREENCL-S
 Shallow, 16" L × 14 %" W





Mica Fire Tape

 CAT NO.
 SPECIFICATIONS

 FIRETAPE
 ¾″ W × 16′ L