

Project name:	
Fixture type:	
Date:	

6" Cedar System New Construction Housing w/Driver

Non-IC Airtight housing for residential and light commercial, 850 to 2000 lumens.



Features

- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Meets Title 24 requirements.
- Flicker-Free Dimming.
- USA designed and assembled.
- Limited 5 year warranty.
- For use with ELCO Cedar™ System 6" 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.

Specifications

Lumens	1600 lm
Voltage	120/277V
Dimmable	Sunset
Power Factor	≥0.95
Damp Location	1 Listed

Options



Optional Butterfly Bracket

Technical Details

Construction:

- Non-IC Frame for non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.

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.

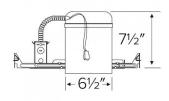
Emergency Battery Pack: Optional 90 minute battery pack available with test indicator switch. Note that double wall housings require Access From Above Ceiling for Battery Maintenance.

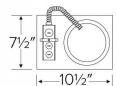
Dimmability:

- 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver.
- 0-10V dimming down to 51% with a compatible dimmer.
- \bullet 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: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Feed Through.

Dimensions





Product Number

Item	Lumens	Voltage	Dimming	
E6LC16SD	1600 lm	120/277V	Sunset	

Product Number Builder Example: E6LC082

ELCO Cedar 6" Housing		Lumens		Dimming		Generation		Optional
E6LC								
	08	850 lm		120V Triac/ELV	2	Gen 2		No EM
	12	1250 lm	D	120/277V Triac/ELV/0-10V		Gen 1	ΕN	Emer. Backup up to 700
	16	1600 lm	SD	Sunset				ım
	20	2000 lm	L	Lutron			EN	Emer. Backup to 1100 lm

Compatible Products



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

6" Cedar™ LED Light Engines



Round Reflector Trim

E610C Finishes: (W, B, BZ, C, G, H)



Round Drop Glass Reflector Trim

E612C Finishes: (W, B, BZ, C, G, H)



Round Baffle Trim

E614C Finishes: (W, B, BZ, BB)



Round Adjustable Baffle Trim

E616C Finishes: (W, B, BZ)



Round Adjustable Reflector Trim

E617C Finishes: (W, B, BZ, C, H)

PRODUCT	NUMBER	BUILDER

6" Cedar™ Trim E 6		Style	1	Lumen		Color Temperature	1	Finish
	10C	Reflector	08	850 lm (8.76W)	27	2700K	w	All White
	12C	Drop Glass	12	1250 lm (12.88W)	30	3000K	В	Black w/White Ring
	14C	Baffle	16	1600 lm (18W)	35	3500K	BZ	All Bronze
	16C	Adjustable Baffle	20	2000 lm (20.6W)	40	4000K	ВВ	All Black
	17C	Adjustable Reflector			50	5000K	С	Chrome w/White Ring
					SD	Sunset Dimming	G	Gold w/White Ring
							н	Haze w/White Ring

6" Accessories



Fire Cover

CAT NO. SPECIFICATIONS
FIRECVR 9 34" H x 17" O.D.



Fire Enclosure

 CAT NO.
 SPECIFICATIONS

 FIREENCL
 20 %" L x 14 %" W

 FIREENCL-S
 Shallow, 16" L x 14 %" W



Mica Fire Tape

CAT NO. SPECIFICATIONS
FIRETAPE 34" W x 16' L