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.

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).
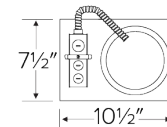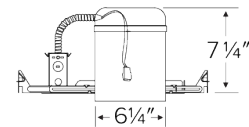- High Efficiency driver with a power factor > 0.95.

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.
- 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.

Specifications

Lumens	850 lm - 2000 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
E6LC082	850 lm	120V	Triac/ELV
E6LC08D2	850 lm	120/277V	Triac/ELV/0-10V
E6LC08SD	850 lm	120/277V	Sunset
E6LC122	1200 lm	120V	Triac/ELV
E6LC12D2	1200 lm	120/277V	Triac/ELV/0-10V
E6LC12SD	1200 lm	120/277V	Sunset
E6LC162	1600 lm	120V	Triac/ELV
E6LC16D2	1600 lm	120/277V	Triac/ELV/0-10V
E6LC16SD	1600 lm	120/277V	Sunset
E6LC202	2000 lm	120V	Triac/ELV
E6LC20D2	2000 lm	120/277V	Triac/ELV/0-10V
E6LC20SD	2000 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	1200 lm	**D**	120/277V Triac/ELV/0-10V		Gen 1	**EM1**	Emer. Backup up to 700 lm
	16	1600 lm	**SD**	Sunset				
	20	2000 lm	**L**	Lutron			**EM2**	Emer. Backup to 1100 lm

Compatible Products

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

ELCO Lighting

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	Style	Lumen	Color Temperature	Finish
E6				
	10C Reflector	**08** 850 lm (8.76W)	**27** 2700K	**W** All White
	12C Drop Glass	**12** 1250 lm (12.88W)	**30** 3000K	**B** 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	**BB** All Black
	17C Adjustable Reflector		**50** 5000K	**C** Chrome w/White Ring
			SD Sunset Dimming	**G** Gold w/White Ring
				H Haze w/White Ring

6" Accessories

Fire Cover

CAT NO.	SPECIFICATIONS
FIRECVR	9 ¾" H x 17" O.D.

Fire Enclosure

CAT NO.	SPECIFICATIONS
FIREENCL	20 ⅜" L x 14 ⅜" W
FIREENCL-S	Shallow, 16" L x 14 ⅜" W

Mica Fire Tape

CAT NO.	SPECIFICATIONS
FIRETAPE	¾" W x 16' L