

3" Non-IC Airtight Single Wall Housing with Driver

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



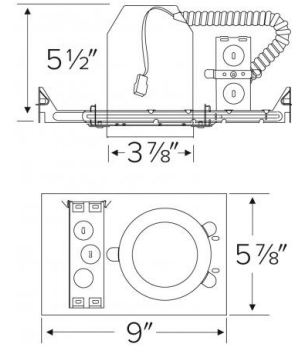
Features

- 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 3" 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 | 1000 lm |
| Voltage | 120/277V |
| Dimmable | Sunset |
| Power Factor | ≥0.95 |
| Damp Location | Listed |

Dimensions



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 2x6 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 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: cUL Listed for Damp Location and for Wet Location with select trims. cUL Listed for Feed Through.

Product Number

| Item | Lumens | Voltage | Dimming |
|-----------------|---------|----------|---------|
| E3LC10SD | 1000 lm | 120/277V | Sunset |

Product Number Builder

Example: **E3LC082**

ELCO Cedar 3" Housing

Lumens

Dimming

Generation

Optional

E3LC

08 850 lm

10 1000 lm

120V Triac/ELV

D 120/277V Triac/ELV/0-10V

SD Sunset

L Lutron

2 Gen 2

Gen 1

No EM

EM1 Emer. Backup up to 700 lm

EM2 Emer. Backup to 1100 lm

Compatible Products



For use with 3" Cedar™ Non-IC LED housings

3" Cedar™ LED Light Engines



Round Reflector Trim

E310C

Finishes:

(W, B, BB, BZ, C, H)



Round Baffle Trim

E314C

Finishes:

(W, B, BB, BZ)



Square Pinhole Trim

E315C

Finishes:

(W, B, C)



Square Reflector Trim

E320C

Finishes:

(W, BB, BZ, C)



Round Pinhole Trim

E329C

Finishes:

(W, B, C)

PRODUCT NUMBER BUILDER

| 3" Cedar™ Trim | Style | Lumen | Color Temperature | Finish |
|----------------|-----------------------------|-------------------|--------------------------|------------------------------|
| E3 | | | | |
| | 10C Round Reflector | 08 850 lm | 27 2700K | W All White |
| | 14C Round Baffle | 10 1000 lm | 30 3000K | B Black w/White Ring |
| | 15C Square Pinhole | | 35 3500K | BB All Black |
| | 20C Square Reflector | | 40 4000K | BZ All Bronze |
| | 29C Pinhole Trim | | 50 5000K | C Chrome w/White Ring |
| | | | SD Sunset Dimming | H Haze w/White Ring |

3" Accessories



Fire Cover

| CAT NO. | SPECIFICATIONS |
|---------|---------------------|
| FIRECVR | 9 3/4" H x 17" O.D. |



Fire Enclosure

| CAT NO. | SPECIFICATIONS |
|------------|-------------------------------|
| FIREENCL | 20 3/8" L x 14 3/8" W |
| FIREENCL-S | Shallow, 16" L x 14 3/8" W |



Mica Fire Tape

| CAT NO. | SPECIFICATIONS |
|----------|----------------|
| FIRETAPE | 3/4" W x 16' L |