ELCO Lighting

Project Name:

Fixture Type:

Date:

6″ CEDAR SYSTEM NEW CONSTRUCTION HOUSING W/DRIVER

Housing · 6 1/2″

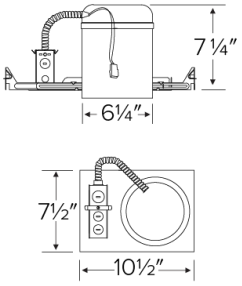


Non-IC Airtight housing for residential and light commercial, 850 to 2000 lumens.

FEATURES

- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- Meets Title 24 requirements.
- 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.

DIMENSIONS



SPECIFICATIONS

Lumens	850 · 1200 · 1600 · 2000 lm
Voltage	120V · 120-277V
Dimming	120V Triac/ELV · 120/277V Triac/ELV/0-10V · Sunset (warm dim) · Triac/ELV · Triac/ELV/0-10V
Power factor	>0.95
Aperture	6 1/2"
Generation	Gen 2 · Gen 1
Emergency option	No Emergency Backup · Emergency Backup up to 700 lm · Emergency Backup up to 1100 lm

Item page
elcolighting.com/items/6-cedar-system-new-construction-housing-wdriver
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

6″ Cedar™ Housings and LED Light Engines

PRODUCT NUMBER BUILDER

Specify **6″ Cedar System New Construction Housing w/Driver** item number (Select one) Example: **E6LC16-2** Your item number:

ITEM	LUMENS	DIMMING	GENERATION	EMERGENCY OPTION
E6LC	**08** 850 lm **12** 1200 lm **16** 1600 lm **20** 2000 lm	120V Triac/ELV **D** 120/277V Triac/ELV/0-10V **SD** Sunset (warm dim)	**2** Gen 2 Gen 1	No Emergency Backup **EM1** Emergency Backup up to 700 lm **EM2** Emergency Backup up to 1100 lm

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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 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 (US and Canada) for Damp Location and for Wet Location with select trims. UL Listed (US and Canada) for Feed Through.

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