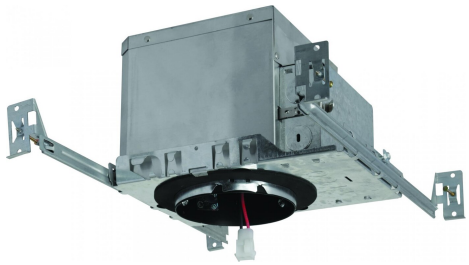
ELCO Lighting

Project Name:

Fixture Type:

Date:

4″ CEDAR SYSTEM NON-IC NEW CONSTRUCTION LED DOUBLE WALL HOUSING W/ DRIVER



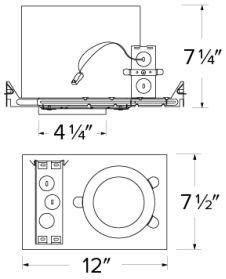
Module

Non-IC Airtight housing for high-end residential and light commercial, 1600 lumens.

FEATURES

- 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.

DIMENSIONS



SPECIFICATIONS

Lumens	1600 lm
Voltage	120V · 120-277V
Dimming	120V Triac/ELV · 120/277V Triac/ELV/0-10V · Sunset (warm dim) · Triac/ELV · Triac/ELV/0-10V
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/4-cedar-system-non-ic-new-construction-led-double-wall-housing-w-driver
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Cedar™ Housings and LED Light Engines

PRODUCT NUMBER BUILDER

Specify **4″ Cedar System Non-IC New Construction LED Double Wall Housing w/ Driver** item number (Select one) Example: **E4LC16-2**

Your item number:

ITEM	LUMENS	DIMMING	GENERATION	EMERGENCY OPTION
E4LC16	**16** 1600 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 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.

Dimmability: 3 in 1 dimming: Triac, ELV and 0-10V dimming in one driver. Triac/ELV down to 5% on 120V; 0-10V/Triac/ELV down to 1% on 120/277V. For a full list of dimmers refer to the Dimmer Compatibility List.

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.

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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