ELCO Lighting

Project Name:

Fixture Type:

Date:

3″ IC AIRTIGHT REMODEL HOUSING WITH DRIVER

Housing · 3″

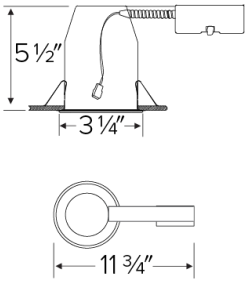
IC Airtight remodel housing for high-end residential and light commercial, 850 lumens.



FEATURES

- UL Listed (US and Canada) for direct contact with insulation.
- Optional 90 minutes, 120/277 VAC, 60Hz, Emergency Backup.
- 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.

DIMENSIONS



SPECIFICATIONS

Lumens	850 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	3"
Housing type	IC Airtight
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/3-ic-airtight-remodel-housing-driver
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

3″ Cedar™ Housings and LED Light Engines

PRODUCT NUMBER BUILDER

Specify **3″ IC Airtight Remodel Housing with Driver** item number (Select one) Example: **E3LRC08ICA2** Your item number:

ITEM	LUMENS	HOUSING TYPE	DIMMING	GENERATION	EMERGENCY OPTION
E3LRC	**08** 850 lm	**ICA** IC Airtight	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

© ELCO Lighting 2026. All rights reserved • Rev. 19 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

TECHNICAL DETAILS

Construction:

- Single wall IC rated for direct contact with insulation. For use in IC and non-IC conditions. Up to 850 lumens.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

Installation:

- Designed for ceiling plenums where 2x6 joists or taller are used.
- 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.

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 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 Direct Contact with Insulation and Combustible Material. UL Listed (US and Canada) for Feed Through.

© ELCO Lighting 2026. All rights reserved • Rev. 19 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.