ELCO Lighting

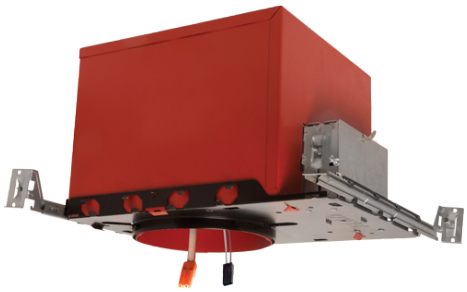
Project Name:

Fixture Type:

Date:

6″ 0-10V NEW CONSTRUCTION 2-HOUR FIRE RATED DEDICATED LED HOUSING

Housing · 6″

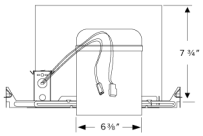


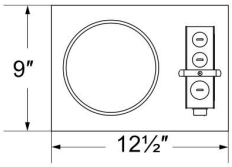
6" 0-10V 2-Hour fire rated new construction LED housing. Compatible with 6" 0-10V LED inserts and 0-10V Koto™ Module.

FEATURES

- Wired for 0-10V Dimming
- Single Wall IC Airtight rated for direct contact with insulation
- 120/277V Input
- Meets restricted air flow requirements (per ASTM E-283)
- UL Listed (US and Canada) for direct contact with insulation
- UL Listed (US and Canada) for wet locations with wet location inserts
- UL Listed (US and Canada) for feed through
- CA Title 24 compliant

DIMENSIONS





Top View

SPECIFICATIONS

Wattage	24W
Voltage	120-277V
Dimming	0-10V/Triac/ELV
Aperture	6"
Emergency option	Emergency Battery Backup · No Emergency Backup

ITEM NUMBERS

ITEM NUMBER	WATTS	VOLTAGE	DIMMING	EMERGENCY OPTION
EL76FICDXA	24W	120-277V	0-10V/Triac/ELV	No Emergency Backup
EL76FICDXA-EM5	24W	120-277V	0-10V/Triac/ELV	Emergency Battery Backup

Item page
elcolighting.com/items/6-0-10v-new-construction-2-hour-fire-rated-dedicated-led-housings
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

6″ Poplar™ · 6″ DX Koto™

TECHNICAL DETAILS

Construction:

- Double wall IC rated for direct contact with insulation. For use in IC and non-IC conditions.
- Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness.
- Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

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"

© ELCO Lighting 2026. All rights reserved • Rev. 23 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.

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: High Efficiency driver with a power factor > 0.9.

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.

Lamp: Designed for use with ELCO 6" 0-10V LED inserts.

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. 23 Oct 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.