ELCO Lighting

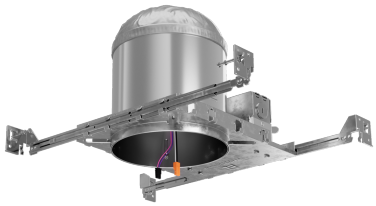
Project Name:

Fixture Type:

Date:

6″ 0-10V IC NEW CONSTRUCTION DEDICATED LED HOUSING

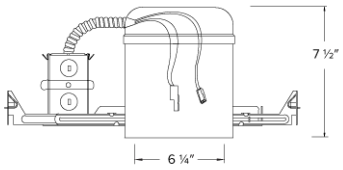
Housing · 6″



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
•Compatible with the Poplar™ LED Module

DIMENSIONS



SPECIFICATIONS

Voltage	120-277V
Dimming	0-10V/Triac/ELV
Aperture	6"
Emergency option	Emergency Battery Backup

ITEM NUMBERS

ITEM NUMBER	VOLTAGE	DIMMING	EMERGENCY OPTION
EL770ICDXA	120-277V	0-10V/Triac/ELV	—
EL770ICDXA-EM5	120-277V	0-10V/Triac/ELV	Emergency Battery Backup

Item page
elcolighting.com/items/6-0-10v-ic-new-construction-dedicated-led-housing
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

6″ DX Koto™ · 6″ Poplar™ · 6″ Ply™

TECHNICAL DETAILS

Construction: Single wall IC rated for direct contact with insulation, for use in IC or non-IC conditions. Housing adjusts in frame to accommodate up to 1 1/4" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements. Steel housing for greater heat dissipation. Stamped galvanized steel frame.

Installation: Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 6 1/4". Suitable for T-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts. Pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with TrueNail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 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 aligning the housings with the joists.

Electrical: Input Voltage: 120/277V. Inherently protected. Fixture rated for 24W MAX. LED insert

Trims: Compatible with ELCO 6" 0-10V LED Inserts and 0-10V Koto™ Module.

Dimmability: Dimmability based on insert used.

Listings: UL Listed (US and Canada) for Damp Location. UL Listed (US and Canada) for Wet Location with select trims. UL Listed (US and Canada) for Feed Through. UL Listed (US and Canada) for Direct Contact with Insulation and Combustible Material. Airtight per ASTM E-283. JA8-2025-E Title 24 Compliant.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

© ELCO Lighting 2026. All rights reserved • Rev. 13 Nov 2026 • ELCO Lighting reserves the right to make specification and design changes without notice.