

TRACK LIGHTING INTEGRAL CURRENT LIMITER OR SUPPLEMENTARY OVERCURRENT PROTECTION PANEL

CEC-NRCI-LTI-03-E (Revised 01/16)

CALIFORNIA ENERGY COMMISSION



CERTIFICATE OF INSTALLATION		NRCI-LTI-03-E
Track Lighting Integral Current Limiter or Supplementary Overcurrent Protection Panel		(Page 1 of 4)
Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:

GENERAL INFORMATION			
DATE OF BUILDING PERMIT:	PERMIT #		
BUILDING TYPE	<input type="checkbox"/> Nonresidential	<input type="checkbox"/> High-Rise Res (Common Area)	<input type="checkbox"/> Hotel/Motel (Common Area)
PHASE OF CONSTRUCTION	<input type="checkbox"/> New Construction	<input type="checkbox"/> Addition	<input type="checkbox"/> Alteration <input type="checkbox"/> Unconditioned

SCOPE OF RESPONSIBILITY	
<i>Enter the date of approval by enforcement agency of the Certificate of Compliance that provides the specifications for the energy efficiency measures for the scope of responsibility for this Installation Certificate.</i>	Date:

Certified Integral Current Limiters, and Dedicated Supplementary Overcurrent Protection Panels Used to Control Line-Voltage Track Lighting

§130.4(b) - Before a Line-Voltage Track Lighting Integral Current Limiter or Supplementary Overcurrent Protection Panel will be recognized for compliance with the lighting requirements in Part 6 of Title 24, the person who is eligible under Division 3 of the Business and Professions Code to accept responsibility for the construction or installation of features, materials, components, or manufactured devices shall sign and submit this Installation Certificate.

If any of the following requirements fail to comply with any of the Line-Voltage Track Lighting installation requirements, these methods for determining installed lighting power shall not be used for compliance with the Building Energy Efficiency Standards.

Check all that apply:

PART 1 Type of Line-Voltage Track Lighting Control Installed:

A. Certified Line-Voltage Track Lighting Integral Current Limiter:

A Line-Voltage Track Lighting Integral Current Limiter that has been certified to the Energy Commission, and consists of a current limiter integral to the end-feed housing of a manufactured line-voltage track lighting system.

B. Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panel:

A Track Lighting Supplementary Overcurrent Protection Panel is a Panelboard containing Supplementary Overcurrent Protection Devices as defined in Article 100 of the California Electric Code, and used only with line voltage track lighting.

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PART 2 Complete this Section for a Certified Line-Voltage Track Lighting Integral Current Limiter

If any of the following requirements are not met, the Integral Current Limiter shall not be recognized for compliance with the Building Energy Efficiency Standards.

- A. The track lighting integral current limiter is certified to the Energy Commission in accordance with §110.9 and has been verified by checking the Energy Commission database.
- B. Installed wattage has been determined in accordance with §130.0(c) and the track lighting worksheet (compliance document NRCC-LTI-05-E) has been completed for all installed track lighting integral current limiters, and submitted to the building department.
- C. The track current limiter is used exclusively on the same manufacturer's track for which it is designed.
- D. The track current limiter is designed and installed so that the track current limiter housing is permanently attached to the track so that the system will be irreparably damaged if the integral track current limiter housing were to be removed after installation into the track. Methods of attachment may include but are not limited to one-way barbs, rivets, and one-way screws.
- E. The track current limiter has identical volt-ampere (VA) rating of the track current limiter, as installed and rated for compliance with Title 24, Part 6, clearly marked on all of the following locations:
 1. So that it is visible for the building officials' field inspection without opening cover-plates, fixtures, or panels; and
 2. Permanently marked on the circuit breaker; and
 3. On a factory-printed label that is permanently affixed to a non-removable base-plate inside the wiring compartment.
- F. The track current limiter employs tamper resistant fasteners for the cover to the wiring compartment.
- G. The track current limiter has a conspicuous factory installed label permanently affixed to the inside of the wiring compartment warning against removing, tampering with, rewiring, or bypassing the device.
- H. Each electrical panel from which track lighting integral current limiters are connected has a factory printed label permanently affixed and prominently located, with the following information:

"NOTICE: Current limiting devices installed in track lighting integral current limiters connected to this panel shall only be replaced with the same or lower amperage. Adding track or replacement of existing current limiters with higher continuous ampere rating will void the track lighting integral current limiter certification, and will require re-submittal and re-certification of California Title 24, Part 6 compliance documentation."
- I. For installations where a total of 5 or less track current limiters are installed in a single building, all integral track current limiters have been inspected.
- J. For installations where a total of more than 5 track current limiters are installed in a single building, no less than 5 track current limiters have be inspected, up to 5 inspections for each 20 installed track current limiters.

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PART 3 Complete this Section for Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels

If any of the following requirements are not met, the Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panel shall not be recognized for compliance with the Building Energy Efficiency Standards.

Note that the Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels are not required to be certified to the Energy Commission.

- A. Installed wattage has been determined in accordance with §130.0(c) and the track lighting worksheet (compliance document NRCC-LTI-05-E) has been completed for all installed track lighting supplementary overcurrent protection panels, and submitted to the building department.
- B. The Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels is Listed in accordance with Article 100 of the California Electric Code.
- C. The Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels is used only for line-voltage track lighting.
- D. No Supplementary Overcurrent Protection Panels been used to determine installed wattage for any lighting system other than line-voltage track lighting.
- E. No other lighting or building power is connected to a Supplementary Overcurrent Protection Panel
- F. The Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels is installed in an electrical equipment room, or permanently installed adjacent to the lighting panel board providing supplementary overcurrent protection for the track lighting circuits served by the supplementary over current protection pane
- G. There is a prominently labeled permanently attached to the panel by the manufacturer with the following information:

"NOTICE: This Panel for Track Lighting Energy Code Compliance Only. The overcurrent protection devices in this panel shall only be replaced with the same or lower amperage. No other overcurrent protective device have been added to this panel. Adding to, or replacement of existing overcurrent protective device(s) with higher continuous ampere rating, will void the panel listing and require re-submittal and re-certification of California Title 24, Part 6 compliance documentation."

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		
1. I certify that this Certificate of Installation documentation is accurate and complete.		
Documentation Author Name:	Documentation Author Signature:	
Documentation Author Company Name:	Date Signed:	
Address:	CEA Certification Identification (If applicable):	
City/State/Zip:	Phone:	
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
I certify the following under penalty of perjury, under the laws of the State of California:		
<ol style="list-style-type: none"> The information provided on this Certificate of Installation is true and correct. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and attest to the declarations in this statement (responsible builder/installer), otherwise I am an authorized representative of the responsible builder/installer. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations, and the installation conforms to the requirements given on the plans and specifications approved by the enforcement agency. I reviewed a copy of the Certificate of Compliance approved by the enforcement agency that identifies the specific requirements for the scope of construction or installation identified on this Certificate of Installation, and I have ensured that the requirements that apply to the construction or installation have been met. I will ensure that a completed signed copy of this Certificate of Installation shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy. 		
Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone:	Date Signed:

NRCI-LTI-03-E User Instructions

This Certificate of Installation must be submitted whenever a line-voltage track lighting integral current limiter, and whenever a supplementary overcurrent protection panel, has been installed and used to determine the installed wattage of any line-voltage track lighting system.

If this Certificate of Installation is not submitted, or if all of the appropriate boxes have not been checked, the line-voltage track lighting integral current limiter, or the supplementary overcurrent protection panel will not be recognized for compliance with the Standards.

Note that a supplementary overcurrent protection panel shall be recognized for use **ONLY** with line-voltage track lighting,

In addition to submitting this NRCI-LTI-03-E, the Standards also require the track lighting worksheet (NRCC-LTI-05-E) to be included with the NRCI-LTI-03-E whenever any type of line-voltage track lighting is installed in a project.

Check all appropriate boxes in this certificate as a declaration that the certified line-voltage track lighting integral current limiter, and/or the supplementary overcurrent protection panel has been installed to meet all of the required specifications and functionalities.

- Part 1 – Identify if this Certificate of Installation is being submitted for a certified line-voltage track lighting integral current limiter, or dedicated line-voltage track lighting supplementary overcurrent protection panel.
- Part 2 - Complete this Section for a Certified Line-Voltage Track Lighting Integral Current Limiter.
- Part 3 – Complete this Section for Dedicated Line-Voltage Track Lighting Supplementary Overcurrent Protection Panels.