

CERTIFICATE OF COMPLIANCE		NRCC-LTI-01-E
Indoor Lighting		(Page 1 of 6)
Project Name:		Date Prepared:

<b>A. General Information</b>						
Climate Zone:	Conditioned Floor Area:					
	Unconditioned Floor Area:					
Building Type:	<input type="checkbox"/>	Nonresidential	<input type="checkbox"/>	High-Rise Residential	<input type="checkbox"/>	Hotel/Motel
<input type="checkbox"/> Schools	<input type="checkbox"/>	Relocatable Public Schools	<input type="checkbox"/>	Conditioned Spaces	<input type="checkbox"/>	Unconditioned Spaces
Phase of Construction:	<input type="checkbox"/>	New Construction	<input type="checkbox"/>	Addition	<input type="checkbox"/>	Alteration
Method of Compliance:	<input type="checkbox"/>	Complete Building	<input type="checkbox"/>	Area Category	<input type="checkbox"/>	Tailored
Project Address:						

<b>B. Lighting Compliance Documents (select yes for each document included)</b>			
<i>For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.</i>			
YES	NO	COMP. DOC.	TITLE
		NRCC-LTI-01-E	Certificate of Compliance. All Pages required on plans for all submittals.
		NRCC-LTI-02-E	Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.
		NRCC-LTI-03-E	Indoor Lighting Power Allowance
		NRCC-LTI-04-E	Tailored Method Worksheets
		NRCC-LTI-05-E	Line Voltage Track Lighting Worksheets
		NRCC-LTI-06-E	Indoor Lighting Existing Conditions



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<b>C. Summary of Allowed Lighting Power</b>						
Conditioned and Unconditioned space Lighting must not be combined for compliance						
Indoor Lighting Power for Conditioned Spaces			Indoor Lighting Power for Unconditioned Spaces			
		Watts			Watts	
01	<b>Installed Lighting</b> NRCC-LTI-01-E, Table H, page 5	+		<b>Installed Lighting</b> NRCC-LTI-01-E, Table H, page 5	+	
02	Portable Only for Offices NRCC-LTI-01-E, Table G, page 4	+				
03	Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-		Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-	
04	Adjusted <b>Installed</b> Lighting Power (row 1 plus row 2 minus row 3)	=		Adjusted <b>Installed</b> Lighting Power (row 1 minus row 3)	=	
Complies ONLY if <b>Installed</b> ≤ <b>Allowed</b> (Box 04 < Box 05)			Complies ONLY if <b>Installed</b> ≤ <b>Allowed</b> (Box 04 < Box 05)			
05	<b>Allowed</b> Lighting Power Conditioned NRCC-LTI-03-E, page 1  Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2			<b>Allowed</b> Lighting Power Unconditioned NRCC-LTI-03-E, page 1  Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2		

<b>D. Declaration of Required Certificates of Installation</b>			
Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)			
YES	NO	Form/Title	
		NRCI-LTI-01-E - Must be submitted for all buildings	Field Inspector
		NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	Field Inspector
		NRCI-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	Field Inspector
		NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	Field Inspector
		NRCI-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	Field Inspector
		NRCI-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	Field Inspector



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<b>E. Declaration of Required Certificates of Acceptance</b>			
Declare by selecting <b>yes</b> for all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)			
YES	NO	FORM/TITLE	
<input type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Field Inspector
<input type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Field Inspector
<input type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	Field Inspector
<input type="checkbox"/>	<input type="checkbox"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	

A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:     **CONDITIONED SPACE**                    **UNCONDITIONED SPACE**

<b>F. Indoor Lighting Schedule and Field Inspection Energy Checklist</b>
<p>The actual indoor lighting power listed on the next 2 pages includes all installed permanent and planned portable lighting systems.</p> <p>When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.</p> <p>When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines</p> <p>Also include track lighting in schedule, and submit the track lighting compliance document (NRCC-LTI-05-E) when line-voltage track lighting is installed.</p>



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<b>G. Installed Portable Luminaires in Offices – Exception to Section 140.6(a)</b>										
- This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance document. - This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office - Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance shall not be traded between offices having different lighting systems.										
Office Portable Luminaire Schedule	Office Installed Portable Luminaire W/ft <sup>2</sup>						Office Location	Field Inspector		
01	02	03	04	05	06	07	08	09	10	
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (G02 x G03)	Square feet of this office	Watts per square foot (G04 / G05)	If G06 ≤ 0.3, enter zero;  If G06 > 0.3, (G06-0.3)	(G05 x G07 )	Identify Office area in which these portable luminaires are installed	Pass	Fail
Total installed portable luminaire watts that are greater than 0.3 W/ft <sup>2</sup> per office:							Enter sum total of all pages into NRCC-LTI-01-E; Page 2			



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*A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:*

**CONDITIONED SPACE**       **UNCONDITIONED SPACE**

<b>H. Indoor Lighting Schedule and Field Inspection Energy Checklist</b>									
Luminaire Schedule		Installed Watts				Location	Field Inspector <sup>1</sup>		
01	02	03	04		05	06	07	08	
Name or Item Tag	Complete Luminaire Description (i.e, 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballast)	Watts per Luminaire	How wattage was determined		Number Luminaires	Total Installed Watts in this area (H03 xH05 )	Primary Function area in which these luminaires are installed	Pass	Fail
			CEC Default from IAS	According to §130.0(c)					
<b>INSTALLED WATTS PAGE TOTAL:</b>							Enter sum total of all pages into NRCC-LTI-01-E; Page 2		



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<b>DOCUMENTATION AUTHOR'S DECLARATION STATEMENT</b>	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA Certification Identification (if applicable):
City/State/Zip:	Phone:
<b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b>	
I certify the following under penalty of perjury, under the laws of the State of California:	
<ol style="list-style-type: none"> <li>The information provided on this Certificate of Compliance is true and correct.</li> <li>I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).</li> <li>The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.</li> <li>The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.</li> <li>I will ensure that a completed signed copy of this Certificate of Compliance shall be 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 Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.</li> </ol>	
Responsible Designer Name:	Responsible Designer Signature:
Company :	Date Signed:
Address:	License:
City/State/Zip:	Phone: