

Certificate of Compliance – Outdoor Lighting

NRCC-LTG-06-E

Project Name:	Date:
Project Address:	Total Hardscape Illuminated Area:

General Information	
Phase of Construction: <input type="checkbox"/> New Construction <input type="checkbox"/> Addition <input type="checkbox"/> Alteration	
Documentation Author's Declaration Statement	
I certify that this Certificate of Compliance documentation is accurate and complete.	
Name	Signature
Company	Date
Address	IF Applicable CEA # CEPE #
City/State/Zip	Phone:

Principal Lighting Designer's Declaration Statement	
I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the lighting design. This Certificate of Compliance identifies the lighting features and performance specifications required for compliance with Title 24, Pages 1 and 6 of the California Code of Regulations. The design features represented on this Certificate of Compliance are consistent with the information provided to document this design on the other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	
Name:	Signature:
Company:	Phone:
Address:	License #
City/State/Zip:	Date:

Principal Lighting Designer's Declaration
<input type="checkbox"/> I certify that this Certificate of Compliance documentation is accurate and complete, and accounts for all outdoor lighting power, including building mounted, pole mounted, as well as all other outdoor lighting designed for the site, and that Additional Lighting Power Allowances for Specific Applications or Additional Lighting Power Allowances for Ordinance Requirements have not been counted more than one time for the same area, in accordance with Section 147 of the Standards.

Outdoor Lighting Mandatory Measures Indicate location on building plans of Mandatory Measures Note Block: _____
--

LIGHTING COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included)
For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential Manual published by the California Energy Commission.
<input type="checkbox"/> OLTG-1C Certificate of Compliance. All 4 pages required on plans for all submittals.
<input type="checkbox"/> OLTG-2C (Page 1 of 3) Lighting Wattage Allowances for General Hardscape, Sales Frontage, or Ornamental Lighting. Optional on plans.
<input type="checkbox"/> OLTG-2C (Page 2 of 3) Lighting Wattage Allowances for Per Application or Per Area. Optional on plans.
<input type="checkbox"/> OLTG-2C (Page 3 of 3) Additional Lighting Power Allowance for Ordinance Requirements. Optional on plans.

Certificate of Compliance – Outdoor Lighting

NRCC-LTG-06-E

Project Name:

Project Address:

Date:

Total Hardscape Illuminated Area:

COMPLIANCE FIXTURE / LIGHTING CONTROL SCHEDULE and FIELD INSPECTION CHECKLIST

INSTALLATION CERTIFICATE, OLTG-1-INST (Retain a copy and verify form is completed and signed.)

Field Inspection

CERTIFICATE OF ACCEPTANCE, OLTG-2A (Retain a copy and verify form is completed and signed.)

Field Inspection

Luminaire Schedule						Installed Watts									
A	B	B	C	D	E	F	G	H	I		J	K	L	M	
Name Or Item Tag	Installed Application/Area (i.e. hardscape, building facade, etc.)	Luminaire Description ¹ See footnote below (i.e.: 1 lamp pole-top shoe-box 400 watt metal halide)	Mounting Height	Uplight Zonal Lumen Compliance	Glare Zonal Lumen Compliant	Watts per Luminaire	Justification for Control device ² : See footnote below	Special Features	How wattage was determined		Number of Luminaires	Installed Watts (F x J)	Controls Compliant?	Field Inspector ³	
									Default from NA-8	According to §130.0 (c)				Pass	Fail
				<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
								<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>

Certificate of Compliance – Outdoor Lighting

NRCC-LTG-06-E

Project Name:

Date:

Project Address:

Total Hardscape Illuminated Area:

The local enforcement agency should pay special attention to the items specified in this checklist. These items require special written justification and documentation, and special verification. The local enforcement agency determines the adequacy of the justification, and may reject a building or design that otherwise complies based on the adequacy of the special justification and documentation submitted.

Project Name:	Date:
Project Address:	Total Hardscape Illuminated Area:

A. OUTDOOR LIGHTING ZONE

OUTDOOR LIGHTING ZONE: OLZ 1 OLZ 2 OLZ 3 OLZ 4

Is the Outdoor Lighting Zone: Default in accordance with §10-114, or Amended by JHA

Complete the information below if the default Outdoor Lighting Zone has been amended by the local jurisdiction having authority (JHA):

- The site is a government designated park, recreation area, wildlife preserve, or portion thereof, and has been designated as LZ2 or LZ3, in accordance with Table 10-114-A, because the site is contained within such a zone.
- The local jurisdiction having authority has officially adopted a change to the State Default Lighting Zone and has notified the Energy Commission by providing the materials required in §10-114(d) to the Executive Director.
- The adopted change is posted on the Energy Commission website.

B. ACCEPTANCE FORMS

Required Acceptance Tests

Designer:

This form is to be used by the designer and attached to the plans. Listed below is the acceptance test for the Lighting system,

OLTG-2A. *The designer is required to check the acceptance tests and list all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. If all the lighting system or control of a certain type requires a test, list the different lighting and the number of systems. The NA7 Section in the Appendix of the Nonresidential Reference Appendices Manual describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately. **Forms can be grouped by type of Luminaire controlled.***

Enforcement Agency:

Systems Acceptance. *Before Occupancy Permit is granted for a newly constructed building or space or when ever new lighting system with controls is installed in the building or space shall be certified as meeting the Acceptance Requirements.*

*The **OLTG-2A** form is not considered a complete form and is not to be accepted by the enforcement agency unless the boxes are checked and/or filled and signed. In addition, a Certificate of Acceptance forms shall be submitted to the enforcement agency that certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of*

*§10-103(b) of Title 24 Part 6. The field inspector must receive the properly filled out and signed forms before the building can receive final occupancy. A copy of the **OLTG-2A** for each different lighting luminaire control(s) must be provided to the owner of the building for their records.*

Certificate of Acceptance

Equipment Requiring Testing	Luminaires Controlled			OLTG-2A ¹
	Description	Number of Like Controls	Location	Outdoor Lighting Acceptance Tests

Certificate of Compliance – Outdoor Lighting

NRCC-LTG-06-E

Project Name:	Date:
Project Address:	Total Hardscape Illuminated Area:

*1. Insert: **O**MS for Outdoor Motion Sensor; **OLAC** for Outdoor Lighting Automatic Controls; **OP** for Outdoor Photocontrol; **ATS** for Astronomical Time Switch; and, **STS** for Standard (non-astronomical) Time Switch acceptance.*

Certificate of Compliance – Outdoor Lighting		NRCC-LTG-06-E
Project Name:	Date:	
Project Address:	Total Hardscape Illuminated Area:	

CERTIFICATE OF COMPLIANCE	(Page 7 of 7)	LTG-6C
Project Name:	Date:	
ALLOWED AND INSTALLED OUTDOOR LIGHTING POWER		

		Lighting Wattage Power Allowance
A	Lighting power allowance for general hardscape (from OLTG-2C Page 1 of 3)	
B	Specific application lighting wattage allowance per unit length (from OLTG-2C Page 1 of 3)	
C	Specific application wattage allowance for ornamental lighting (from OLTG-2C Page 1 of 3)	
D	Specific application wattage allowance per application (from OLTG-2C Page 2 of 3)	
E	Specific application lighting wattage allowance per area (from OLTG-2C Page 2 of 3)	
F	Additional lighting power allowance for ordinance requirements (from OLTG-2C Page 3 of 3)	
G	Total Allowed Wattage = Sum of rows A through F:	
H	Total Installed Watts (from Luminaire Schedule, (from OLTG-1C (Page 2 of 4)	
Provided that the lighting wattage power allowances listed in rows A through F are identical to the lighting wattage power allowances taken from OLTG-2C Pages 1 through 3, complies if Installed Wattage in row H is less than or equal to the Total Allowed Wattage in row G		<input type="checkbox"/> Yes <input type="checkbox"/> No