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| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-02-E |
| Outdoor Lighting Controls | | (Page 1 of 3) |
| Project Name: | Date Prepared: | |

~~The NRCC LTO 02 E shall be used to document all mandatory outdoor lighting controls that are applicable to the project.~~

A. Mandatory Outdoor Lighting Control Declaration Statements

Check all that apply:

- Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with §110.9(a).
- Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with §130.4(b).
- All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with §130.0(d).
- Part-Night Outdoor Lighting Controls, as defined in Section 100.1(b), shall meet the requirements in Section 110.9(b)5.
- All outdoor incandescent luminaires rated over 100 watts, determined in accordance with Section 130.0(c), shall be controlled by a motion sensor.
- All outdoor luminaires rated for use with lamps greater than 150 lamp watts, determined in accordance with Section 130.0(c), shall comply with ~~Backlight~~, Uplight, and Glare requirements ~~(collectively referred to as "BUG")~~ in accordance with Section 130.2(b)
- All installed outdoor lighting shall be controlled by a photocontrol, ~~or~~ outdoor astronomical time-switch control or other controls capable of automatically switching OFF in accordance with Section 130.2(c)1.
- All installed outdoor lighting shall be independently controlled from other electrical loads by an automatic scheduling control in accordance with Section 130.2(c)2.
- All installed outdoor lighting, where the bottom of the luminaire is mounted 24 feet or less above the ground, shall be controlled with automatic lighting controls in accordance with Section 130.2(c)3.
- For Outdoor Sales Frontage, ~~Outdoor Sales Lots, and Outdoor Sales Canopies lighting~~, an automatic lighting control in accordance with Section 130.2(c)4.
- For Building Facade, Ornamental Hardscape and Outdoor Dining lighting, an automatic lighting control in accordance with Section 130.2(c)5.
- Before an occupancy permit is granted for the newly constructed building or for the addition, or there are any altered outdoor lighting the outdoor lighting controls shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with §130.4.(a). Outdoor lighting controls shall comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix NA7.8

OUTDOOR LIGHTING CONTROLS

CEC-NRCC-LTO-02-E (Revised MM/YY)



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|---------------------------|----------------|---------------|
| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-02-E |
| Outdoor Lighting Controls | | (Page 2 of 3) |
| Project Name: | Date Prepared: | |

| B. Mandatory Outdoor Lighting Control Schedule and Field Inspection Checklist | | | | | | | | | | | |
|--|---|------------------|--|------------|------------|------------|------------|----------------------------------|-----------------|--------------------------|--------------------------|
| Outdoor Lighting Control Schedule | | | Standards Complying With (✓ all that apply, or enter 'E' if Exempted) | | | | | ✓ if Acceptance Test Required | Field Inspector | | |
| <u>01</u> | <u>02</u> | <u>03</u> | <u>04</u> | <u>05</u> | <u>06</u> | <u>07</u> | <u>08</u> | <u>09</u> | <u>10</u> | <u>11</u> | |
| Location and Application of Luminaires being controlled | Type/ Description of Lighting Control (i.e. outdoor motion sensor, outdoor photocontrol, outdoor astronomical time- switch control, automatic scheduling control, part-night outdoor lighting control) | # of Units | §130.2(a) | §130.2(c)1 | §130.2(c)2 | §130.2(c)3 | §130.2(c)4 | §130.2(c)5 | | Pass | Fail |
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OUTDOOR LIGHTING CONTROLSCEC-NRCC-LTO-02-E (Revised **MM/YY**)

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|---------------------------|----------------|---------------|
| CERTIFICATE OF COMPLIANCE | | NRCC-LTO-02-E |
| Outdoor Lighting Controls | | (Page 3 of 3) |
| Project Name: | Date Prepared: | |

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| DOCUMENTATION AUTHOR'S DECLARATION STATEMENT | |
| 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: |
| 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 Compliance is true and correct. 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). 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. 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. 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. | |
| Responsible Designer Name: | Responsible Designer Signature: |
| Company : | Date Signed: |
| Address: | License: |
| City/State/Zip: | Phone: |

NRCC-LTO-02-E User Instructions**Section A. Mandatory Outdoor Lighting Control Declaration Statements**

The check boxes on this page serve as declaration statements for which the person signing the document is taking responsibility. All relevant boxes are required to be checked.

Section B. Mandatory Outdoor Lighting Control Schedule and Field Inspection Checklist

This table serves two purposes, one is to document compliance with the outdoor lighting control requirements in §130.2 and the other is for use as a field inspection checklist.

1. **LOCATION AND APPLICATION OF LUMINAIRES BEING CONTROLLED** indicates the location and the type of area the control serves,
2. **TYPE/ DESCRIPTION** is a short description of the generic type of control that is installed shall be a narrative describing the device.
3. **NUMBER OF UNITS** indicates to the number of controls of the same type that are installed in that location/area
- 4-9. **STANDARDS COMPLYING WITH** In each row, enter a check to show which code section this particular control is installed to comply with. Typically, only one box will be checked per row.

If the area is exempted from that particular code requirement, enter “E” (for “exempt”) in the column.

For each location/application, sufficient controls must be installed to meet the requirements of all applicable code sections.

10. **✓ IF ACCEPTANCE TEST REQUIRED** Check this box if an acceptance test is required for this control. Under section 130.4, acceptance tests are required for the following outdoor lighting control types:
 - a. Outdoor Motion Sensor
 - b. Outdoor Lighting Automatic Shut-off Controls
 - c. Outdoor Photocontrol
 - d. Automatic Scheduling Control
 - e. Part-Night Outdoor Lighting Control
11. **FIELD INSPECTOR PASS/FAIL** This column allows the field inspector to indicate whether the control either passed or failed the acceptance test (if required).

Documentation Author's Declaration Statement

- The “Documentation author” is the person who prepared the energy compliance documentation and who signs the Declaration Statement. The person’s telephone number is given to facilitate response to any questions that arise. A Documentation Author may have additional certifications such as an Energy Analyst or a Certified Energy Plans Examiner certification number. Enter number in the EA# or CEPE# box if applicable.

Responsible Person's Declaration statement

The “responsible person” signing the Certificate of Compliance is required to be eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design, to certify conformance with Part 6. If more than one person has responsibility for the building design, each person (such as an eligible lighting designer) shall sign the Certificate of Compliance document(s) applicable to that portion of the design for which the person is responsible. Alternatively, the person with chief responsibility for the building design shall prepare and sign the Certificate of Compliance document(s) for the entire building design. The person’s telephone number is given to facilitate response to any questions that arise.