

**CERTIFICATE OF INSTALLATION**

This Certificate of Installation documents the installation of outdoor lighting features, materials, components, and manufactured devices required to demonstrate compliance with Title 24, Part 6 per §10-103(a)3 for low-rise multifamily and low-rise mixed-use occupancies.

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	Date Permit Issued:

A. GENERAL INFORMATION

01	Project Location (city):		05	Authority Having Jurisdiction:	
02	Zip Code:		06	Building Permit #:	
03	Date of Permit Set used for construction:		07	Date of As-built Set:	
04	Name of Permit Set used for construction:		08	Name of As-built Set:	

B. INSTALLER SCOPE

This table indicates construction systems and materials documented on this Certificate of Installation.

01		02	
☐	Luminaires	☐	Controls

C. COMPLIANCE RESULTS

This table indicates whether the as-built conditions documented in this form are equal or better than what was documented on the permitted Certificate of Compliance. If the installation is not equal or better, Section 10-103(a)2B requires the Certificate of Compliance to be revised accordingly to demonstrate compliance.

01	INSTALLED FEATURES EXACTLY MATCH DESIGN ON PERMITTED CERTIFICATE OF COMPLIANCE
Documented as-built conditions should be verified by inspector from Authority Having Jurisdiction to comply.	

**D. EXCEPTIONAL CONDITIONS**

This table is auto-filled with uneditable comments because of field conditions noted by the installer that may impact mechanical controls requirements documented on the Certificate of Compliance

E. INSTALLER NOTES

This table includes remarks made by the installer to the Authority Having Jurisdiction.

F. INSTALLATION DETAILS

The following tables indicate performance requirements as documented on the permitted Certificate of Compliance for all systems and components included in Table B. Installer Scope. Also indicated are the as-built conditions documented by the installer/ documentation author.

Outdoor Lighting Fixture Schedule for Nonresidential Buildings, Parking Garages and Common Service Areas in Multifamily Buildings

01	02	03	04	05	06	07	08	09
Name or Item Tag	Fixture Within Scope?	Luminaire Description	Fixture Type	Rated Wattage per Luminaire ¹	Total Number of Luminaires	Total Watts	Outdoor Luminaire ≥ 6,200 Lumens	Fixture Compliance
Per C of C								
As-built Conditions								

¹ For linear luminaires, wattage is in W/lf instead of Watts/luminaire. Total linear feet for the luminaire is indicated in column 06 instead of number of luminaires.

² The compliance tool used to document the Certificate of Compliance does not provide data to the Certificate of Installation. In these scenarios, certificate of installation compliance status will need to be determined manually by the AHJ.

**Shielding Requirements (BUG)**

		Backlight		Uplight	Glare		
01	02	03	04	05	06	07	08
Name or Item Tag	Luminaire Description	Mounting Height from Property Line	Backlight Rating	Uplight Rating	Mounting Height from Property Line	Glare Rating	Fixture Compliance
Per C of C							
As-built Conditions							

¹ The compliance tool used to document the Certificate of Compliance does not provide data to the Certificate of Installation. In these scenarios, certificate of installation compliance status will need to be determined manually by the AHJ.

Outdoor Lighting Controls for Nonresidential Buildings, Parking Garages and Common Service Areas in Multifamily Buildings

01	02	03	04	05
Area Description	Shut-Off	Auto-Schedule	Motion Sensor	Controls Compliance
Per C of C				
As-built Conditions				

¹ The compliance tool used to document the Certificate of Compliance does not provide data to the Certificate of Installation. In these scenarios, certificate of installation compliance status will need to be determined manually by the AHJ.



Outdoor Lighting Controlled from Inside Multifamily Dwelling Units

01	02	03	04
Space Name	Compliant Light Sources ^{1,2} §160.5(a)1	Mandatory Controls §160.5(a)	Recessed Downlights ³ §160.5(a)1C
		Shut-Off	
C of C			<i>i. Shall not contain screw base lamp sockets; and</i> <i>ii. Have a label that certifies the luminaire is airtight with air leakage less than 2.0 cfm at 75 Pascals when tested in accordance with ASTM E283. An exhaust fan housing with integral light shall not be required to be certified airtight; and</i> <i>iii. Be sealed with a gasket or caulk between the luminaire housing and ceiling, and have all air leak paths between conditioned and unconditioned spaces sealed with a gasket or caulk, or be installed per manufacturer's instructions to maintain airtightness between the luminaire housing and ceiling; and</i> <i>iv. Meet the clearance and installation requirements of California Electrical Code Article 410.116 for recessed luminaires; and</i> <i>v. Lamps and other separable light sources in enclosed or recessed luminaires shall be in compliance with the JA8 elevated temperature requirements, including marking requirements.</i>
As-built Conditions			
C of C			
As-built Conditions			
C of C			
As-built Conditions			

¹ FOOTNOTE: Text has been abbreviated, please refer to Section 160.5(a)1A to confirm compliance with the specific light source technologies listed.

² Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.

³ Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

**G. ACCEPTANCE TESTS & FIELD VERIFICATION**

The following Acceptance Tests related to the systems or materials documented on this LMCI have been indicated on the permitted Certificate of Compliance (LMCC) as being required to comply with Title 24, Part 6.

Lighting Acceptance Tests must be completed by a certified Acceptance Testing Technician and LMCA forms completed through an approved Acceptance Test Technician Certification Provider database. The Certificate of Acceptance (LMCA) forms indicated below will be required by the Authority Having Jurisdiction to demonstrate compliance.

Form/Title	Systems to be Field Verified
NRCA-LTO-02-A: Outdoor Lighting Control- Must be submitted for all new, added or altered shut-off lighting controls	
<i>There are no Acceptance Tests indicated on the permitted LMCC related to the systems or materials documented on this LMCI.</i>	

A copy of this Certificate of Installation should be distributed to the Field Technician(s) who will perform the acceptance test(s). Title 24, Part 6 Section 10-103(a)3F also requires this Certificate of Installation be posted or made available to the Authority Having Jurisdiction for all applicable inspections.

**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/AEA/ECC 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:

1. The information provided on this Certificate of Installation is true and correct.
2. 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.
3. 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 Certificate of Compliance, plans, and specifications approved by the enforcement agency.
4. 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.
5. I understand that a completed signed copy of this Certificate of Installation shall be made available with the building permit(s) issued for the building. shall be made available to the enforcement agency for all applicable inspections. I will take the necessary steps to fulfill this requirement.
6. 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. I will take the necessary steps to fulfill this requirement.

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:

CERTIFICATE OF COMPLIANCE – USER INSTRUCTIONS	LMCI-LTO-E
Outdoor Lighting	(Page 1 of 2)

A. General Information

1. This field is filled out automatically with data from the NRCC.
2. This field is filled out automatically with data from the NRCC.
3. Enter the Date of Permit Set used for construction.
4. Enter the Name of Permit Set used for construction.
5. Enter the Authority Having Jurisdiction.
6. Enter the Building Permit #.
7. Enter the Date of As-Built Set.
8. Enter the Name of As-Built Set.

B. Project Scope

1. Select all applicable construction systems and materials documented for luminaires.
2. Select all applicable construction systems and materials documented for controls.

C. Compliance Results

This table is automatically filled with uneditable comments based on data entered in Section F.

D. Exceptional Conditions

This table is automatically filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. Additional Remarks

Enter any notes or comments for the AHJ.

F. Installation Details

Fixtures

1. This field is filled out automatically.
2. Fixture Within Scope: Select from dropdown.
3. Enter the Luminaire Description.
4. Fixture Type: Select from dropdown.
5. Enter the Rated Wattage per Luminaire.
6. Enter the Total Number of Luminaires.
7. This field is filled out automatically.

CERTIFICATE OF COMPLIANCE – USER INSTRUCTIONS	LMCI-LTO-E
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8. Outdoor Luminaire $\geq$ 6,200 Lumens: Select from the dropdown.
9. This field is filled out automatically.

Shielding Requirements (BUG)

1. This field is filled out automatically.
2. Shut-Off: Select from dropdown.
3. Auto-Schedule: Select from dropdown.
4. Motion Sensor: Select from dropdown.
5. This field is filled out automatically.

Outdoor Lighting Controls for Nonresidential Buildings, Parking Garages and Common Service Areas in Multifamily Buildings

1. This field is filled out automatically.
2. Shut-Off: Select from dropdown.
3. Auto-Schedule: Select from dropdown.
4. Motion Sensor: Select from dropdown.
5. This field is filled out automatically.

Outdoor Lighting Controlled from Inside Multifamily Dwelling Units

1. This field is filled out automatically.
2. Compliant Light Sources: Select from dropdown.
3. Mandatory Controls Shut-Off: Select from dropdown.
4. This field covers additional requirements for recessed downlights.

Documentation Declaration Statements

1. The person who prepared the LMCI will sign and complete the fields for their name, company (if applicable), address, phone number, certification information (if applicable), date and signature.
2. The person who is assuming responsibility for the project being built to comply with Title 24, Part 6, will complete the fields for their name, company (if applicable), address, phone number, license number (if applicable), date and signature.