



# OUTDOOR LIGHTING

## 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:	Permit Application Date:

## 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	
<input type="checkbox"/>	Luminaires	<input type="checkbox"/>	Controls



# OUTDOOR LIGHTING

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

**The Certificate of Compliance should be revised to confirm as-built conditions comply and this Certificate of Installation updated accordingly.**

## D. EXCEPTIONAL CONDITIONS

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

## E. INSTALLER NOTES

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



# OUTDOOR LIGHTING

## 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 <sup>1</sup>	Total Number of Luminaires	Total Watts	Outdoor Luminaire ≥ 6,200 Lumens	Fixture Compliance
Per C of C								
As-built Conditions								

<sup>1</sup> 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.



# OUTDOOR LIGHTING

## Shielding Requirements (BUG)

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										

## 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				

Registration Number:

Registration Date/Time:

HERS Provider:



## OUTDOOR LIGHTING

### Outdoor Lighting Controlled from Inside Multifamily Dwelling Units

01	02	03	04
<b>Space Name</b>	<b>Compliant Light Sources<sup>1,2</sup> §160.5(a)1</b>	<b>Mandatory Controls §160.5(a)</b>	<b>Recessed Downlights<sup>3</sup> §160.5(a)1C</b>
		<b>Shut-Off</b>	
C of C			<i>i. Shall not contain screw base lamp sockets; and                      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                      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                      iv. Meet the clearance and installation requirements of California Electrical Code Section 410.116 for recessed luminaires; and                      v. Lamps and other separable light sources that are not compliant with the JA8 elevated temperature requirements, including marking requirements, shall not be installed in enclosed or recessed luminaires.</i>
As-built Conditions			
C of C			
As-built Conditions			
C of C			
As-built Conditions			



# OUTDOOR LIGHTING

## 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/HERS Certification Identification (If applicable):
City/State/Zip:	Phone:

## RESPONSIBLE PERSON'S DECLARATION STATEMENT

2. 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 either: a) a responsible person 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, or b) I am an authorized representative of the responsible person and attest to the declarations in this statement on the responsible person's behalf.
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 understand that a registered 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, and I will take the necessary steps to ensure this requirement is accomplished.
5. I understand that a registered copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished.

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:

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300

CERTIFICATE OF INSTALLATION – 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.

Registration Number:

Registration Date/Time:

HERS Provider:

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

6. Enter the Total Number of Luminaires.
7. This field is filled out automatically.
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.

Registration Number:

Registration Date/Time:

HERS Provider: