

<b>INSTALLATION CERTIFICATE Residential Lighting</b> CF-2R-LTG-01-E Bath & Indoor (Not Kitchens), Outdoor			
<b>Date:</b>	<b>Site Address:</b>	<b>Enforcement Agency:</b> City of Novato	<b>Permit Number:</b>

### 1. Installed Devices and Components Have Been Certified to the Energy Commission

Does the project include any of the devices or components listed below

Yes, complete section 1		No, go to section 2	
Yes	§110.9 and §150(k)7(f):	Any of the devices and components which have been installed have been certified to the Energy Commission according to the applicable provisions of §119: All LED lighting systems that are classified as high efficacy, ballasts used in recessed luminaires, vacancy sensors (automatic off/manual on occupant sensors), dimmers, track lighting integral current limiters, and outdoor motion sensors.	

### 2. Lighting Controls Complete Section 2

Yes	NA	§150(k)7A:	Permanently installed low efficacy luminaires are controlled by switches separate from those controlling high efficacy luminaires.
Yes	NA	§150(k)7B:	Exhaust fans with integral lighting systems are switched separately from lighting systems, OR have a lighting system that can be manually turned on and off while allowing the fan to continue to operate for an extended period of time.
Yes	NA	§150(k)7C:	All permanently installed luminaires are switched with readily available accessible controls that permit the luminaires to be manually switched on and off.
Yes	NA	§150(k)7D:	All lighting controls have been installed in accordance with the manufacturer's instructions.
Yes	NA	§150(k)7E:	All lighting circuits that are controlled by more than one switch, where a dimmer or vacancy sensor has been installed to comply with §150(k), no controls bypass the dimmer or vacancy sensor functions.

### 3. Luminaires (Lighting Fixtures)

Does the project include the installation of any luminaires (indoor or outdoor)?

Yes, complete section 3		No, go to section 4	
Yes, high efficacy luminaire classification has been determined according to §150(k)1, and low efficiency luminaire classification has been determined according to §150(k)1.			
Yes	NA	§150(k)D:	Fluorescent lamps rated 13 watts or greater have an electronic ballasts having an output frequency no less than 20 kHz.
Yes	NA	§150(k)5:	Permanently installed night lights, and night lights integral to permanently installed luminaires of exhaust fans, contain only high efficiency lamps meeting the minimum efficacies contained in Table 150-C and do not contain a line-voltage socket or line voltage lamp holder, OR the night light is rated to consume no more than 5 watts of power and does not contain a medium screw-base socket.
Yes	NA	§150(k)6:	Lighting integral to exhaust fans, in rooms other than kitchens, meet the applicable requirements of §150(k).
Yes	NA	Any electrical box finished with a blank cover or where no electrical equipment has been installed, and where the electrical box can be used for a luminaire or a surface mounted ceiling fan, has been treated as low efficacy luminaires for compliance with §150(k).	

### Does the project include any luminaires that are recessed into insulated ceilings?

Yes, complete the rest of section 3 below		No, go to section 4	
Yes, §150(k)8: Luminaires that are recessed into insulated ceilings meet all of the following conditions:			
Yes, are listed, as defined in §100.1, for zero clearance insulation contact (IC) by UL or other nationally recognized testing/rating laboratory, and			
Yes, have labels that certify the luminaires are airtight with air leakage less than 2.0 CFM at 75 Pascals when tested in accordance with ASTM E283 (Exhaust fan housings are not required to be certified airtight), and			
Yes, are sealed with a gasket or caulk between luminaire housings and the ceiling, and all air leak paths between conditioned and unconditioned spaces have been sealed with a gasket or caulk (including all exhaust fan housings), and			
Yes, allows ballast maintenance and replacement to be readily accessible to building occupants from below the ceiling without requiring the cutting of holes in the ceiling.			

### 4. Indoor Lighting (any indoor room that is not a kitchen)

Does project include permanently installed luminaires in any room that is not a kitchen?

Yes, complete section 4		No, go to section 5	
Yes	NA	§150(k)5,6,7:	Permanently installed luminaires in bathrooms, garages, laundry rooms, closets > 70 s.f., and utility rooms are high efficacy luminaires OR are controlled by a vacancy sensor.
Yes	NA	§150(k) 5,6,7:	Permanently installed luminaires located in rooms or areas other than in kitchens, bathrooms, garages, laundry rooms, closets, and utility rooms are high efficacy luminaires, OR are controlled by a dimmer switch OR are controlled by a vacancy sensor.

## 5. Outdoor Lighting

Does the project include any permanently installed outdoor lighting?

Yes, complete section 5		No, go to section 6
Yes	NA	§150(k)9: Luminaires providing outdoor lighting, including outdoor lighting for private patios on low-rise residential buildings with four or more dwelling units, entrances, balconies, and porches, and which are permanently mounted to a residential building or to other buildings on the same lot are high efficacy luminaires OR are controlled by a manual on/off switch, plus a motion sensor not having an override or bypass switch that disables the motion sensor, plus one of the following three additional control methods:
		a. A photocontrol that does not have an override of bypass switch that disables the photocontrol; or
		b. An astronomical time clock not having an override or bypass switch that disables the astronomical time clock; or
		c. Energy management controls system (EMCS) not having an override or bypass switch that allows the luminaire to be always on
Yes	NA	<b>Exception 2:</b> Low efficacy outdoor luminaires used to comply with Exception 1 to §150(k)13 are controlled by an override switch which temporarily bypasses the motion sensing function, and the motion sensor is automatically reactivated within six hours. The luminaire is controlled by a photocontrol, astronomical time clock, or EMCS as required by Exception 1 to §150(k)13.
Yes	NA	<b>Exception 3:</b> There are permanently installed luminaires in or around swimming pools, water features, or other locations subject to Article 680 of the California Electric Code which do not need to be high efficacy luminaires.
Yes	NA	§150(k)14: Internally illuminated address signs comply with §148, OR do not contain a screw-base socket and consume no more than 5 watts of power as determined according to §130(d).
Yes	NA	§150(k)15: Lighting for parking lots and carports with a total of eight (8) or more vehicles per site have lighting that complies with §130, 132, 134, and 147. Lighting for parking garages for eight (8) or more vehicles comly with §130, 131, 134, and 146. If yes, the Nonresidential compliance forms must be submitted.

## 6. Common areas of low-rise residential buildings

Does the project include the installation of any luminaires in common areas of low-rise buildings?

Yes, complete section 6	
Yes	§150(k)12: Permanently installed lighting in the enclosed, non-dwelling spaces of low-rise residential buildings with four or more dwelling units shall be high efficacy luminaires OR are controlled by occupant sensor(s) certified to comply with §119(d).

- I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for construction, or an authorized representative of the person responsible for construction (responsible person).
- I certify that the installed features, material, components, or manufactured devices identified on this certificate (the installation) conforms to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcement agency.
- **I will ensure that a completed, signed copy of this Installation Certificate 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. I understand that a signed copy of this Installation Certificate is required to be included with the documentation the building provides to the builder owner at occupancy.**

Company Name (Installing Subcontractor or General Contractor or Owner/Builder):		
Responsible Person's Name:		Responsible Person's Signature:
CSLB License:	Date Signed:	Position with Company (Title):

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