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|---------------------------------|----------------------|-----------------------------|-----------------------|------------------------------|--|
| INSTALLATION CERTIFICATE | | RESIDENTIAL LIGHTING | | CF-6R-LTG-01 Kitchens | |
| Date: | Site Address: | Enforcement Agency: | Permit Number: | | |

1. Kitchen Lighting

| | |
|---|--|
| <input type="checkbox"/> Yes, complete section 1 <input type="checkbox"/> No, go to section 2 | |
| <input type="checkbox"/> Yes | §150(k)3: The wattage of permanently installed luminaires (lighting fixtures) has been determined or specified by §130(d). |
| <input type="checkbox"/> Yes <input type="checkbox"/> NO | §150(k)3: In the kitchen, are there electrical boxes 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? If yes, the following row must also be yes: |
| <input type="checkbox"/> Yes <input type="checkbox"/> NA | Wattage has been calculated as 180 watts of low efficacy lighting per blank electrical box. |

§150(k)8 Kitchen Lighting must comply with either method (a), (b), or (c) below:

(a) All high efficacy luminaires

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|--|
| <input type="checkbox"/> Yes, complies because only high efficacy luminaires have been installed in the kitchen. |
| <input type="checkbox"/> No, complies with method (b) or (c). |

(b) ≥ 50% watts used by high efficacy luminaires.

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|---|
| <input type="checkbox"/> Yes, complies because at least 50% of the installed watts are from high efficacy luminaires as demonstrated in the table below: Total A ≥ Total B. |
| <input type="checkbox"/> No, complies with method (a) or (c). |

Fill out the following table if complying with either method (b) or (c).

Table (b)

| Luminaire Type | Efficacy High Low | Watts | x | Quantity | = | High Efficacy Watts | or | Low efficacy watts |
|-----------------------------------|---|-------|---|----------|---|---------------------|----|--------------------|
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| | <input type="checkbox"/> <input type="checkbox"/> | | x | | = | | or | |
| Complies with method (b) if A ≥ B | | | | | | Total: A: | ≥ | B |

(c) Additional Kitchen Low Efficacy Lighting

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|---|
| <input type="checkbox"/> Yes, complies because the kitchen lighting qualifies for additional low efficacy lighting and as demonstrated in table (b) (above) and the table in (c) (below) that (A+C) ≥ B |
| <input type="checkbox"/> No, complies with method (a) or (b). |

Additional kitchen low efficacy lighting is available only if all of the following are true:

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| <input type="checkbox"/> Yes. All low efficacy luminaires in the kitchen are controlled by a vacancy sensor. Dimmer energy management control system (EMCS) or a multi-scene programmable control system. |
| <input type="checkbox"/> Yes. Permanently installed luminaires in garages, laundry rooms, closets greater than 70 square feet and utility rooms are high efficacy luminaires AND are controlled by a vacancy sensor. |

Table (c)

| | | | | |
|-----------------------|---|---|-----|---------------|
| From the Table in (b) | | Use 50 W for dwelling units ≤ 2,500 ft ² Use 100 W for dwelling units > 2,500 ft ² | Add | Yes/No? |
| A | B | C | A+C | Is (A+C) ≥ B? |
| | | | | |

2. Lighting Internal to Cabinets

Does project include lighting internal to cabinets?

Yes, §150(k)12: Permanently installed lighting internal to cabinets uses ≤ 20 watts of power per linear foot of illuminated cabinet.

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

Yes, complete the rest of section. No

Yes, §150(k)12: Luminaires that are recessed into insulated ceilings meet all of the following conditions:

Yes, are listed, as defined in §101, 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.

- 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.