



# **TECHNICAL BULLETIN**

## **PERMIT AND RESOURCE MANAGEMENT DEPARTMENT**

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### ***Kitchen Lighting for Islands***

#### **INTRODUCTION**

For building permits for new construction with an application date of October 1, 2005 or earlier, the California Energy Code requires that kitchen general lighting be high efficacy (fluorescent) lighting. Task lighting may be incandescent lighting.

#### **TECHNICAL DETAILS**

**General requirement:** When the general lighting requirements for the entire kitchen are met with high efficacy (fluorescent) lights installed at the ceiling, incandescent task lights may be installed on a separate switch to illuminate counters, sinks, or islands.

**Under cabinet lights:** When high efficacy (fluorescent) lights are installed under the cabinets to meet the general lighting requirements, high efficacy (fluorescent) lights(s) must be installed over islands. When this requirement is met, additional incandescent task lighting may be installed over islands. The sink must be sufficiently illuminated with high efficacy (fluorescent) lights. When this requirement is met, additional incandescent task lighting may be installed over the sink.

Incandescent task lighting requires a separate switch for each task area.

Deviations from these requirements must be supported by a lighting layout design that includes a point-by-point illuminance grid for high efficacy (fluorescent) lighting prepared by a professional acceptable to the department and approved by the department.

#### **REFERENCES**

California Energy Code, Section 150(k)

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