

**CITY & COUNTY OF DENVER
COMMUNITY PLANNING & DEVELOPMENT
BUILDING PERMIT POLICY**

Subject: IECC LIGHTING REQUIREMENTS & RESIDENTIAL METERING

Approved: Michael Roach, P.E., Building Official

Number: IECC 505

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Reference: Section 505 IECC Electrical Power and Lighting Systems.

Lighting in existing buildings:

If over 90% of the lighting power shown in the design is ceiling mounted fluorescent light fixtures or HID lighting aimed in a downward direction, we will assume power budget lighting requirements of the IECC are being met. If, in the judgment of the electrical plan reviewer, the lighting design contains excessive incandescent lamps, contains excessive indirect lighting or otherwise appears to be of an inefficient design, the plan reviewer may require a lighting power budget be submitted.

Lighting in new buildings or changes of occupancy classification:

A lighting power budget shall be submitted for all new buildings and buildings undergoing a change of occupancy classification.

Lighting and electrical equipment not for human visibility:

The provisions of IECC 505 do not apply to lighting and electrical equipment that is provided, not for human visibility, but primarily for industrial, manufacturing, agricultural, or commercial processes.

Power requirements for new residential buildings:

The IECC requirement for the separate metering of individual dwelling units in residential buildings will not be enforced where the nature of the tenancy will make this a significant expense which will not result in significant energy savings, such as dormitories, convents, and subsidized housing.

The nature of the electrical power metering may be electronic and does not necessarily have to be utility owned to meet the requirements of IECC 505.7.

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