

Proponent:

Dave Roberts, Architectural Energy Corporation

Applies to:

2006 Mortgage Industry National Home Energy Rating Systems Standards
Section 302 Definitions and Acronyms

Amendment: Definitions of qualified lighting

Proposed Amendment

Qualifying Light Fixture – A light fixture located in a Qualifying Light Fixture Location and comprised of any of the following components: a) fluorescent hard-wired (i.e. pin-based) lamps with ballast; b) screw-in compact fluorescent bulb(s); or c) light fixture controlled by a photocell and motion sensor.

Qualifying Light Fixture Locations – For the purposes of rating, those ~~qualifying~~ light fixtures located in kitchens, dining rooms, living rooms, family rooms/dens, bathrooms, hallways, stairways, entrances, bedrooms, garage, utility rooms, home offices, and all outdoor fixtures mounted on a building or pole. This excludes plug-in lamps, closets, unfinished basements, and landscape lighting.

Background/Rationale:

In section 303.4.1.7.1, FL% is defined as “the ratio of Qualifying Light Fixtures to all light fixtures in Qualifying Light Fixture Locations.” A literal interpretation of the current definitions could lead one to include all Qualifying Light Fixtures located in the home without regard for their location in the numerator of this ratio. Also the definition of Qualifying Light Fixture Locations is not limited to “qualifying” light fixtures, but should include all fixtures in the locations specified, regardless of fixture type.