§ 431.324 Uniform test method for the measurement of energy efficiency of metal halide ballasts.

(a) Scope. This section provides test procedures for measuring, pursuant to EPCA, the energy efficiency of metal halide ballasts.

(b) Testing and Calculations. [Reserved]

§ 431.326 Energy conservation standards and their effective dates.

(a) Except as provided in paragraph (b) of this section, each metal halide lamp fixture manufactured on or after January 1, 2009, and designed to be operated with lamps rated greater than or equal to 150 watts but less than or equal to 500 watts shall contain—

1. A pulse-start metal halide ballast with a minimum ballast efficiency of 88 percent;
2. A magnetic probe-start ballast with a minimum ballast efficiency of 94 percent; or
3. A nonpulse-start electronic ballast with either a minimum ballast efficiency of 92 percent for wattages greater than 250 watts; or a minimum ballast efficiency of 90 percent for wattages less than or equal to 250 watts.

(b) The standards described in paragraph (a) of this section do not apply to—

1. Metal halide lamp fixtures with regulated lag ballasts;
2. Metal halide lamp fixtures that use electronic ballasts that operate at 480 volts; or
3. Metal halide lamp fixtures that;
   (i) Are rated only for 150 watt lamps;
   (ii) Are rated for use in wet locations; as specified by the National Fire Protection Association in NFPA 70 (incorporated by reference; see § 431.323); and
   (iii) Contain a ballast that is rated to operate at ambient air temperatures above 50 °C, as specified in UL 1029, (incorporated by reference; see § 431.323).

Subpart T [Reserved]