

REVIEW AND RECOMMENDATION FOR DEFINITIONS:

1. Current Oregon Amended Definition for **THERMAL ISOLATION**. A separation of conditioned spaces between a sunroom addition and a dwelling unit, consisting of existing or new wall(s), doors, and/or windows. ~~Physical and space condition separation from conditioned space(s) shall be controlled as separate zones for heating and cooling or conditioned by separate equipment. Stricken language is model code.~~

The only location in code where “thermally isolated” is used is in 303.2, Exception, which addresses “light and ventilation” requirements for adjoining rooms. In model code, this term is also used in Chapter 11, which Oregon does not adopt.

Recommendation

Retain Oregon amended definition as shown. Section 302.2 only addresses “light and ventilation” and inserting stricken model code language will create unnecessary, argumentative conditions.

2. New Model Code Definition:

HIGH-EFFICACY LAMPS. Compact fluorescent lamps, T-8 or smaller diameter linear fluorescent lamps or lamps with a minimum efficacy of:

1. 60 lumens per watt for lamps over 40.
2. 50 lumens per watt for lamps over 15 watts to 40 watts.
3. 40 lumens per watt for lamps for lamps 15 watts or less.

Commentary: The higher the number for “lumens per watt,” the more efficient (efficacy=more light as opposed to heat per input watt) it is.

ODOE was part of a regional consortium that got this implemented into model code. It is more stringent than what is currently defined in Chapter 11 of the ORSC. *Note*: The language does not disallow screw-in compact versus requiring a pin-based compact fluorescent fixture – it simply states “compact fluorescent lamps.”

Recommendation

Retain the new model code definition as shown. Amend language in Chapter 11 that defines/addresses “High-efficiency” (current code N1107) to “high efficacy” and remove any defining language – currently reads . . . “shall be compact or linear fluorescent, or a lighting source that has a minimum efficacy of 40 lumens per watt.” I would recommend we retain “Screw-in compact fluorescent lamps comply with this requirement” (in current N1107) so it is clear that a pin-based compact fluorescent fixture is not required.