

**B-Engrossed**  
**Senate Bill 479**

Ordered by the House May 11  
Including Senate Amendments dated April 2 and House Amendments  
dated May 11

Sponsored by Senator DEVLIN, Representative MACPHERSON; Senator WALKER

**SUMMARY**

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure.

Prohibits use of R type metal halide or mercury vapor light bulbs in schools. Requires that schools replace R type metal halide and mercury vapor light bulbs with T type metal halide or mercury vapor light bulbs or alternative lighting. Exempts stadium fields and outdoor athletic fields. Declares emergency, effective July 1, 2007.

**A BILL FOR AN ACT**

1  
2 Relating to school lighting; and declaring an emergency.

3       Whereas metal halide and mercury vapor light bulbs are commonly used by schools, particularly  
4 in school gymnasiums and areas where a bright, long-lasting source of light is necessary; and

5       Whereas the federal Food and Drug Administration has received reports of injuries from acci-  
6 dental exposure to ultraviolet radiation caused by broken high intensity metal halide or mercury  
7 vapor light bulbs; and

8       Whereas injuries from accidental exposure to ultraviolet radiation caused by a broken metal  
9 halide or mercury vapor light bulb include redness and burns to the skin and eyes, blurred or double  
10 vision, headaches and nausea; and

11       Whereas T type metal halide or mercury vapor lights have an internal mechanism that shuts  
12 off the light automatically within 15 minutes after the light bulb is broken and R type metal halide  
13 or mercury vapor light bulbs do not have the automatic shut-off safety feature; now, therefore,

14 **Be It Enacted by the People of the State of Oregon:**

15       **SECTION 1.** (1) **As used in this section:**

16       (a) **"School" means a school operated by a school district or a public charter school.**

17       (b) **"T type light bulb" means a metal halide or mercury vapor light bulb that has an**  
18 **internal mechanism that shuts off the light within 15 minutes after the bulb is broken.**

19       (2) **A school may use only a T type light bulb in a light fixture that is designed for metal**  
20 **halide or mercury vapor light bulbs.**

21       (3) **This section does not apply to light fixtures used to light a stadium field or an outdoor**  
22 **athletic field.**

23       **SECTION 2.** (1) **A school, as defined in section 1 of this 2007 Act, shall replace all R type**  
24 **metal halide or mercury vapor light bulbs with T type light bulbs, as defined in section 1 of**  
25 **this 2007 Act, within six months of the effective date of this 2007 Act.**

26       (2) **This section does not:**

**NOTE:** Matter in **boldfaced** type in an amended section is new; matter *[italic and bracketed]* is existing law to be omitted. New sections are in **boldfaced** type.

1       **(a) Apply to light bulbs used to light a stadium field or an outdoor athletic field.**

2       **(b) Preclude a school from using alternative lighting such as fluorescent lights when re-**  
3 **placing R type metal halide or mercury vapor light bulbs.**

4       **SECTION 3. This 2007 Act being necessary for the immediate preservation of the public**  
5 **peace, health and safety, an emergency is declared to exist, and this 2007 Act takes effect**  
6 **July 1, 2007.**

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