

HEALTH AND SAFETY CODE

TITLE 5. SANITATION AND ENVIRONMENTAL QUALITY

SUBTITLE F. LIGHT POLLUTION

CHAPTER 425. REGULATION OF CERTAIN OUTDOOR LIGHTING

Sec. 425.001. DEFINITIONS. In this chapter:

(1) "Cutoff luminaire" means a luminaire in which 2.5% or less of the lamp lumens are emitted above a horizontal plane through the luminaire's lowest part and 10% or less of the lamp lumens are emitted at a vertical angle 80 degrees above the luminaire's lowest point.

(2) "Light pollution" means the night sky glow caused by the scattering of artificial light in the atmosphere.

(3) "Outdoor lighting fixture" means any type of fixed or movable lighting equipment that is designed or used for illumination outdoors. The term includes billboard lighting, street lights, searchlights and other lighting used for advertising purposes, and area lighting. The term does not include lighting equipment that is required by law to be installed on motor vehicles or lighting required for the safe operation of aircraft.

(4) "State funds" means:

- (A) money appropriated by the legislature; or
- (B) bond revenues of the state.

Added by Acts 1999, 76th Leg., ch. 713, Sec. 1, eff. Sept. 1, 1999.

Renumbered from Sec. 421.001 by Acts 2001, 77th Leg., ch. 1420, Sec. 21.001(76), eff. Sept. 1, 2001.

Sec. 425.002. STANDARDS FOR STATE-FUNDED OUTDOOR LIGHTING FIXTURES.

(a) An outdoor lighting fixture may be installed, replaced, maintained, or operated using state funds only if:

(1) the new or replacement outdoor lighting fixture is a cutoff luminaire if the rated output of the outdoor lighting fixture is greater than 1,800 lumens;

(2) the minimum illuminance adequate for the intended purpose is used with consideration given to nationally recognized standards;

(3) for lighting of a designated highway of the state highway system, the Texas Department of Transportation determines that the purpose of the outdoor lighting fixture cannot be achieved by the installation of

reflective road markers, lines, warning or informational signs, or other effective passive methods; and

(4) full consideration has been given to energy conservation, reducing glare, minimizing light pollution, and preserving the natural night environment.

(b) For purposes of Subsection (a)(4), "energy conservation" means reducing energy costs and resources used and includes using a light with lower wattage or a timer switch.

(c) Subsection (a) does not apply if:

(1) a federal law, rule, or regulation preempts state law;

(2) the outdoor lighting fixture is used on a temporary basis because emergency personnel require additional illumination for emergency procedures;

(3) the outdoor lighting fixture is used on a temporary basis for nighttime work;

(4) special events or situations require additional illumination;

(5) the outdoor lighting fixture is used solely to enhance the aesthetic beauty of an object; or

(6) a compelling safety interest exists that cannot be addressed by another method.

(d) Special events or situations that may require additional illumination include sporting events and illumination of monuments, historic structures, or flags. Illumination for special events or situations must be installed to shield the outdoor lighting fixtures from direct view and to minimize upward lighting and light pollution.

Added by Acts 1999, 76th Leg., ch. 713, Sec. 1, eff. Sept. 1, 1999.

Renumbered from Sec. 421.002 by Acts 2001, 77th Leg., ch. 1420, Sec. 21.001(76), eff. Sept. 1, 2001.