

Chapter 31 - OUTDOOR LIGHTING

Footnotes:

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Cross reference— *Electrical regulations, § 8-03-010 et seq.; , Ch. 29.*

ARTICLE 31-01. - OUTDOOR LIGHTING

31-01-010. - Purpose and applicability.

- (a) The purpose of this chapter is to restrict the emission of undesirable light rays into the night sky which are detrimental to aviation and to astronomical observations. The provisions of this chapter shall apply to all outdoor lighting devices used for illumination or advertisement.
- (b) The provisions of this chapter do not apply to incandescent lamps of one hundred fifty (150) watts or less; glass tubes filled with neon, argon or krypton; outdoor advertising signs constructed of translucent material and wholly illuminated from within and fossil fuel light sources.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 997, § 1, 4-22-97; Ord. No. 1057, 4-13-99)

31-01-020. - Effect on other codes.

The provisions of this chapter are intended to supplement other applicable codes and requirements. Compliance with all applicable provisions of building, electrical and other codes must be observed. In the event of a conflict between the requirements of this code and other requirements, the more stringent requirement shall apply.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 1057, 4-13-99)

31-01-030. - Shielding.

- (a) *General requirements.* Except as otherwise provided below, all lighting devices or fixtures shall be shielded in such a manner that light rays emitted by the device or fixture, whether directly from the lamp or indirectly from the fixture, are projected below a horizontal plane running through the lowest point on the fixture where light is emitted.
- (b) *Low-pressure sodium.* Low-pressure sodium lamps shall be shielded in such a manner that the lowermost edge of the shield is below the plane of the centerline of the light source or lamp so that light emission above the horizontal plane is minimized.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 1057, 4-13-99)

31-01-040. - Light pollution; general requirements.

- (a) Only shielded outdoor light fixtures may be installed for security purposes or for illumination of commercial establishments.
- (b) Shielded, low-pressure sodium outdoor light fixtures or high pressure sodium lighting equipped with a minimum ninety degree side cut off internal louver may be installed to provide illumination for public streets or for any purpose other than that specifically listed in subsection 31-01-040(a). However, in the case of the replacement of light fixtures installed to provide illumination for public streets, low-pressure sodium outdoor light fixtures or high pressure sodium lighting equipped with a minimum 45-degree side cut off internal louver shall only be required if existing circuitry will allow the replacement of an individual light fixture with a low-pressure sodium light fixture or high pressure sodium lighting equipped with a minimum 45-degree side cut off internal louver.
- (c) All outdoor light fixtures maintained on public or private property, whether installed before or after the effective date of this chapter, shall be turned off between 11:00 p.m. and sunrise except when used for:
 - (1) Commercial and industrial uses (such as sales, assembly and repair areas) where business is conducted after 11:00 p.m. but only for so long as such use continues;
 - (2) Illuminated advertising signs on the premises of a business while it is open to the public;
 - (3) Lighting necessary for security purposes or to illuminate walkways, roadways, equipment yards and parking lots; or
 - (4) Recreational use that continues after 11:00 p.m. but only for so long as such use continues.
- (d) The operation of searchlights for advertising or commercial purposes is prohibited.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 1030, 4-14-98; Ord. No. 1057, 4-13-99)

31-01-050. - Other requirements.

- (a) *Flashing lights.* The use of flashing, rotating or pulsating lights in/on any outdoors sign or other lighting device is prohibited after one (1) year from the effective date of this chapter. This provision shall not apply to flashing, rotating or pulsating lights intended to warn of hazards and danger.
- (b) *Residential spill-over.* Offstreet lighting shall be shielded and/or directed in such manner that it only illuminates the user's premises and does not spill over into neighboring residential

areas so as to interfere with the peaceful enjoyment of residential properties.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 1057, 4-13-99)

31-01-060. - Nonconforming fixtures.

Except as provided in section 31-01-050, all outdoor recreational facilities designed for specific sporting events are exempt from the shielding requirements of this chapter. All nonconforming fixtures must be abandoned or replaced by fixtures conforming to this chapter not later than July 1, 2005.

(Ord. No. 805, § 1, 12-11-90; Ord. No. 997, § 2, 4-22-97; Ord. No. 1057, 4-13-99)