

**ARTICLE XXVII.
PERFORMANCE STANDARDS**

In any district no land shall be used in any manner other than in compliance with the performance standards set forth herein.

SECTION A. FIRE AND EXPLOSIVE HAZARD.

The storage and use of all flammable or combustible liquids and hazardous materials shall be permitted only in accordance with Article V of this ordinance, and only when such storage or use conforms to the standards and regulations of the City of Carrollton.

SECTION B. GLARE.

The purpose of this section is to minimize glare, sky glow, light trespass and excessive energy consumption to attain effective outdoor lighting through the use of appropriate lighting fixtures, practices and systems, while maintaining safety, security and productivity.

1. Light fixtures shall be hooded or a lighting source with a seal of approval for dark sky compliance or its equivalent as determined by the City Manager or designee shall be installed.
2. Light fixtures of any kind shall be oriented 90 degrees downward from any arterial street, as shown on the adopted Transportation Plan.
3. Adjustable wall-mounted fixtures shall be mounted with shielding placed such that light is projected downwards with spillage no greater than 45 degrees from the face of the building.
4. Light and Glare Standards:
 - a. There shall be no more than two-tenths (0.2) of one foot candle of light vertically measured five feet above grade or more at the property line shining onto any adjacent residential uses or zoned property, and, more than four-tenths (0.4) of one foot candle of light vertically measured five feet above grade or more.
 - b. The use of mercury vapor lamps as a light source shall be prohibited.
 - c. All luminaires on property zoned or used for commercial or multi-family residential purposes visible from any street shall be so designed as to have the light source fully shielded from direct view at a point five feet or greater above grade at the property line.
 - d. All luminaires on property zoned or used for commercial or multi-family residential abutting property used or zoned Single-Family Residential District shall be so designed as to have the light source fully shielded from direct view five feet or greater above grade at the property line.

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5. The following shall be exempted from this Section:
 - a. Lighting installed by a governmental agency for public benefit on public right-of-ways, parks and public recreations areas.
 - b. Emergency lighting by police, fire and or municipal, state or federal governmental authorities.
 - c. All approved public and private school ball fields. Lighting for these outdoor recreational uses shall be shielded to comply with the limitations on neighborhood properties.
 - d. Outdoor advertising signs constructed of translucent or other materials and wholly illuminated from within do not require such shielding.
 - e. Temporary lighting as approved for special events.
 - f. Low wattage lighting used for seasonal or decorative purposes in outside areas. (*Ord. No. 3891, 12/11/18*)
6. Any addition, replacement, or substantial change to an existing lighting system shall comply with the provisions of this article. (*Ord. No. 3467, 12/06/11*); (*Ord. 3769, 10/18/16*)