

**VILLAGE OF SHOREWOOD
MUNICIPAL CODE
TITLE 10 ZONING ORDINANCE
CHAPTER 3
GENERAL ZONING PROVISIONS**

10-3-30: SITE ILLUMINATION:

A.Purposes: It is the intent of this section to require illumination of multiple-family residential and nonresidential properties to a minimum level of illumination, and to not exceed a maximum level of illumination, needed to provide adequate security, safety, and productivity, while minimizing the projection of the light and glare onto adjacent properties.

B.Compliance Required: No lot, plot, or parcel of land shall be improved or developed for multiple-family residential or nonresidential purposes or uses nor shall any building permit be issued for the construction of any improvements or buildings for multiple-family residential or nonresidential purposes and uses within the village until the provisions of this section have been complied with.

C.Permit Required: No person shall construct or install any freestanding or building wall mounted site illumination device or fixture on any multiple-family residential, commercial, industrial or institutional property without first obtaining a permit therefor.

1. Application For Permit: Applications for such permits shall be submitted to the building department on a form provided for such purpose. Said application shall include:

a. The name, address and phone number of the person constructing or installing such fixture or device;

b. The name, address and phone number of the owner of record of the property, if different;

c. A description of the type of device or fixture to be constructed, including its dimensions and a set of specifications detailing its construction and method of mounting or anchoring; and

d. A site photometric plan showing the location, size, height and design of all sources of illumination to be installed or constructed and their supporting structures (including existing or proposed illumination on adjacent rights of way), orientation and level of illumination in foot-candles (at ground level)

throughout the entire property, and product catalog sheets with manufacturer's specifications for all illumination fixtures.

2. Fee: All applications shall be accompanied by a fee as established in section 8-1-7 of this code.

D.General Requirements: The following requirements shall apply to all site illumination constructed or installed:

1. Location:

a. Building mounted site illumination shall be limited to areas immediately adjacent to building entrances.

b. Freestanding site illumination fixtures shall be installed no closer than five feet (5') from any property line, and shall be installed within five feet (5') of the area the fixture is intended to illuminate.

2. Height: Freestanding site illumination fixtures and supporting structures shall be no more than twenty five feet (25') in height, to be measured from grade level to the highest point of the structure.

3. Control Of Glare: All illumination fixtures shall be designed to conceal the source of illumination when viewed from all points other than directly beneath the source of illumination, and to ensure that no light is emitted above the horizontal plane of the bottom of the light fixture. This regulation shall not apply to freestanding illumination fixtures added to the site to increase light levels above the minimum amount of illumination as required in subsection D4 of this section that are intended to accentuate landscape features or pedestrian only areas.

4. Amount Of Illumination: Required amounts of illumination in areas designed to accommodate vehicles or pedestrians are based on recommendations of the Illuminating Engineering Society of North America (IESNA) 1993 edition of "IESNA Illumination Handbook". The following schedule establishes the minimum and average amounts of illumination required, and the uniformity ratio. All nonresidential illumination shall be reduced to the minimum amount of illumination as listed in the schedule below no later than sixty (60) minutes after the close of business:

<u>Use Category</u>	Foot- Candles	Uniformity Ratio	<u>Average/Minimum</u>
	<u>Average</u>	<u>Minimum</u>	
Regional shopping center	3.6	0.9	4:1
Fast food/convenience retailer	3.6	0.9	4:1
Community shopping center	2.4	0.6	4:1
Office parking	2.4	0.6	4:1
Neighborhood shopping sites	2.4	0.6	4:1
Industrial employee parking	2.4	0.6	4:1
Church parking lots	2.4	0.6	4:1
Building entrances	-	5.0	-
Multiple-family	1.6	0.4	4:1
Merchandise display	7.0	0.9	4:1
Under canopies (fuel sales, ATM, drive-in)	20.0	-	-

5. Light Trespass: The amount of illumination at any property line shall not exceed 0.5 foot-candles except where required for public safety at points of ingress/egress. Additionally, interior lot lines of adjoining commercial parcels which are part of a planned commercial center (i.e., outlots) shall not be subject to this requirement.

6. Illumination Structure Design: Where properties are developed separately from, but function essentially as an outlot to an adjacent development, freestanding structures used for the primary illumination of vehicle use areas shall be architecturally compatible with such structures used on the adjacent