

ORDINANCE NO. 2016-05

**AN ORDINANCE CREATING SECTION 11.04 K. OF THE ZONING
GENERAL PROVISIONS OF THE VILLAGE OF ALLOUEZ
MUNICIPAL CODE FOR EXTERIOR LIGHTING**

**THE VILLAGE BOARD OF THE VILLAGE OF ALLOUEZ, BROWN COUNTY,
WISCONSIN, DOES ORDAIN THAT SECTION 11.04 K. OF THE ZONING GENERAL
PROVISIONS OF THE VILLAGE OF ALLOUEZ MUNICIPAL CODE BE CREATED
TO READ AS FOLLOWS:**

SECTION 1. Section 11.04 K.

EXTERIOR LIGHTING

A. Purpose. The purpose of this section is to establish lighting levels for various permitted uses that promote visual surveillance, reduce the potential for criminal activity and prevent the unnecessary glare of light on adjacent properties.

B. Definitions. The following terms, whenever used in this section, shall have the meanings set forth below:

FOOTCANDLE The luminance on a one-square-foot surface of which there is a uniformly distributed flux of one lumen. One footcandle is equal to one lumen per square foot. Unless otherwise expressly provided, footcandle measurements in this section shall refer to ground-level measurements of luminance at fully maintained output as used rather than initial luminance.

LIGHT TRESPASS Light from an artificial light source that is intruding across property boundaries.

LUMENS A unit of illumination, being the amount of illumination of a unit area of spherical surface due to a light of unit intensity placed at the center of the sphere.

OUTDOOR LIGHTING Includes, but is not limited to, floodlighting, security lighting, event lighting, landscape lighting or the lighting of off-street parking and loading areas, but does not include public streetlights or traffic signals.

SECURITY LIGHTING Any light source used to illuminate a building, structure or property during the evening hours that seeks to deter criminal activity.

C. Light trespass prohibited. All areas containing outdoor lighting shall limit light trespass onto adjacent property, when measured at any point along a property line, to the requirements set forth below. Compliance shall be achieved utilizing fixtures shielding, directional control designed into fixtures, fixture locations, height, or aim or a combination of these or other factors.

District Adjoining Subject Property

Maximum Light Spillage to Adjoining Lots Measured (footcandles)

“A” & “B” Residential, High Density District 0.20
“C” Professional Office District, “E” Commercial District, “F” Light Industrial District, “G” Highway Business Use District, PDD 0.50

The Illuminance from a typical 150 watt reflectorized incandescent floodlight at a distance of 150 feet can be 0.10 vertical footcandles, when facing almost full. Spot lights and flood lights must be aimed so that they don't shine (aim point) across property lines. The lumen rating is usually shown on the bulb packaging in conjunction with the wattage rating.

Comparison of efficacy of power:

Output (Lumens)	Power (Watts)		
	Incandescent	CFL	LED
500	40	8-10	9
850	60	13-18	12-15
1,200	75	18-22	15
1,700	100	23-28	18

D. Neon lighting. Light sources consisting of glass tubes filled with neon, argon, krypton, or other similar gas, hereafter referred to as "neon lighting," are excluded from shielding and line-of-sight requirements. Such lighting shall, however, be subject to the light trespass requirements of this chapter.

SECTION 2. All ordinances or parts of ordinances, in conflict herewith are hereby repealed.

SECTION 3. This ordinance shall take effect upon its adoption and publication.

Dated this _____th day of May, 2016.

James F. Rafter, Village President

ATTEST:

Debra M. Baenen, Village Clerk

DATE OF PUBLICATION:
