

******ADOPTED MAY 2, 2011******

TOWNSHIP OF DELANCO

ORDINANCE 2011-19

**AN ORDINANCE AMENDING AND SUPPLEMENTING CHAPTER 110 GOVERNING
ZONING IN SECTION 21 OF THE ORDINANCES ENTITLED PART II LAND USE
PROCEDURES OF THE TOWNSHIP OF DELANCO FOR THE ESTABLISHMENT OF
ZONING STANDARDS FOR SITE LIGHTING**

WHEREAS, the Governing Body of the Township of Delanco ("Township") is dedicated to improving and preserving the appearance of the Township for the betterment of the community;

WHEREAS, the Planning Board has been assigned to amend "Outdoor Lighting Standards" for the community as part of the Master Plan review process; and Lighting shall comport to the standards of the Illuminating Engineering Society of North America while considering energy conservation, dark skies initiatives to reduce negative outdoor lighting impact to the natural environment for stargazing, wildlife, birds, and bird migration. The ordinance is intended to encourage reasonable outdoor lighting providing nighttime safety, security, and enjoyment while preserving the setting of the night. The purpose is to enhance the nighttime environment and:

- 1) Provide lighting in outdoor public places where public health, safety, and welfare are potential concerns.
- 2) Protect drivers and pedestrians from the glare of non-vehicular light sources that shine into their eyes and thereby impair safe traverse.
- 3) Protect neighbors and the night sky from nuisance glare and stray light from poorly aimed, placed, applied, or shielded light sources.
- 4) Promote energy conservation through efficient lighting design.
- 5) Promote efficiencies by limiting the amount of lighting equipment and subsequent maintenance costs.

WHEREAS, the Township has reviewed existing Code provisions for the Township of Delanco, with regard to existing conditions.

NOW, WHEREFORE, IT IS HEREBY ORDAINED by the Governing Body of the Township of Delanco as follows:
§110-21 entitled Lighting in Part II entitled Zoning shall be stricken and amended as follows:

- A. Fixture Design. Control of Nuisance and Disabling Glare. All outdoor lighting, whether or not required by this Ordinance; on residential, commercial, industrial, municipal, recreational, or institutional property; shall be aimed, located, designed, fitted, and maintained so as not to present a disabling glare hazard to drivers or pedestrians, or a nuisance glare concern to neighboring properties.
- B. Multi-family residential, commercial, industrial, municipal, recreational, or institutional property shall be governed by the standards contained in Part II Land Use Procedures in §91-8 entitled Landscaping, screening, and lighting.
- C. For residential uses and districts, directional fixtures such as flood lights and spot lights shall be installed or aimed at an angle no higher than forty-five (45) degrees above straight down (half-way between straight down and straight to the side) so that they do not shine directly into the window of a neighboring residence, directly into a roadway, or skyward. In no case shall these lights extend above the eave line. These shall be full-cutoff lighting fixtures and shall light the subject property only.
- D. The average footcandles as measured at the ground level shall be between 0.8 footcandles and 2.4 footcandles.
- E. To encourage minimal light sources between 11:00 p.m. to dawn and, to mitigate glare and sky-lighting consequences lighting shall be controlled by manual and automatic switching devices such as timers, motion detectors, and/or photocells,. Exemption: Security concerns may permit only as many lights as are required to remain illuminated as security lighting.
- F. Vegetation screens shall not be employed to serve as the primary means for controlling glare. Rather, such control shall be achieved primarily through the use of sharp cut-off fixtures, the appropriate application of mounting height, wattage, aiming angle, fixture placement, and fixture design, etc. and the additions of shields and baffles as necessary.
- G. The amount of illumination projected onto a residential use from another property shall not exceed 0.25 vertical foot candles at the property line. Demonstration of compliance shall be the burden of the owner of the light fixture.