

Lighting Ordinance, 2012

Sec. 3.60

The purpose of this article is to provide for outdoor lighting that will:

- a) Minimize problems associated with improperly designed and installed outdoor lighting including glare, light trespass, and sky glow, by limiting outdoor lighting that is misdirected or excessive.
- b) Conserve energy and resources to the greatest extent possible.
- c) Decrease light pollution and curtail and reverse the degradation of the nighttime visual environment and the night sky.
- d) Promote and protect general health, safety and welfare and security of the public in Lake Township while not unreasonably interfering with the use and enjoyment of property within the Township.

General Provisions (requirements)

- A) All outdoor lighting with illumination equivalent to 150 watts incandescent or more use in all districts shall be shielded to reduce glare and to prevent light from shining onto adjacent properties. Lighting shall be shielded on the top to prevent lighting of the night sky. All lighting shall be shielded sufficiently so as to ensure that the light source is not visible from, or causes glare on public rights of way or adjacent properties. Lighting will be shielded such that light does not disperse above 90 degrees. See exhibit 1.
- B) Streetlights for residential developments: Streetlight installation in residential developments constructed after the effective date of this article shall utilize cut off luminaries. The maximum height of streetlights above grade shall not exceed 20 feet. In the event that 50% or more of existing luminaries or posts in a residential development constructed prior to the effective date of this article are replaced or modified, the luminaries or posts shall be brought into compliance with this article.
- C) Spotlights will be no more than the equivalency of 150 watts incandescent and will be shielded ~~and will be turned off at 11:00pm.~~
- D) Lighting Plan: Any project including outdoor lighting of the equivalency of 150 watts incandescent or more shall submit a lighting plan with the land use application.
- E) Flag poles: Upward flagpole lighting is permitted for government flags only. Light must have a narrow distribution so that the light illuminates only the flag pole and the flag. Flags are encouraged to be taken down at sunset to avoid the need for lighting.

- F) Towers: All radio, communication and navigation towers requiring FAA compliant lights shall have dual lighting capabilities. White strobes may be used when required during daylight hours. Only red lights may be used during nighttime hours.
- G) Parking lots: Parking lot luminaries shall be no taller than 25 feet in commercially zoned districts. Parking lot lighting in residentially zoned districts shall be no taller than 15 feet. All parking lot lighting shall be downward facing with no light emitted above 90 degrees. See exhibit 1. All commercial lighting will be turned off after business hours of operation.
- H) Notification: Zoning permit applications shall include a question inquiring whether the project includes any outdoor lighting. If the project includes any outdoor lighting equivalent to 150 watts incandescent or more, a lighting plan is required with a zoning application.
- I) The zoning administrator will provide lighting guidelines to all property owners/occupants in order to correct any non-conforming lighting per this ordinance. ~~Existing outdoor lighting is not grandfathered.~~

Definitions:

Lighting Plan: A plan used for an approval process indicating all site improvements and the number, locations, type and design of all luminaries and the manufactures data on the luminaries.

Light Pollution: Any adverse effect of manmade light including, but not limited to light trespass, up-lighting, the uncomfortable distraction to the eye or any manmade light that diminishes the ability to view the night sky.

Light Trespass: Light falling where it is not wanted or needed, generally caused by a light on a property that shines onto the property of others.

Shielding: Devices or techniques that are used as part of a luminaire or lamp to limit glare, light trespass and light pollution.

Luminaire: Complete lighting system consisting of a lamp or lamps together, with the parts, fixtures and wiring, designed to distribute light, to position and protect the lamps and to connect the lamps to the power supply.

Spotlight: A luminaire designed to light a small well defined area.