

City of Goshen

Outdoor Lighting Regulations

Section 1. Purpose

The purpose of these regulations is to:

- A. Safeguard the privacy of property owners by mitigating glare and light trespass emanating from outdoor lighting fixtures, which may affect neighboring properties.
- B. Protect the safety and well-being of pedestrians, motorists, senior citizens, and individuals with visual impairments from glare that may impede safe navigation and travel.
- C. Encourage the adoption of energy-efficient and cost-effective outdoor lighting solutions.
- D. Allow for reasonable flexibility in the selection and design of light fixtures, subject to compliance with these regulations.
- E. Minimize the impact of artificial light outdoors at night on wildlife, human health, and the night sky.

Section 2. Applicability

Unless otherwise provided herein, the provisions set forth in these regulations shall apply to all new outdoor lighting installations made within the jurisdiction of the City of Goshen after the date of adoption, as well as the replacement, modification, or upgrades of existing outdoor lighting fixtures.

Section 3. Prohibitions

- A. Artificial light at Night (*ALAN*) must not interfere with the safe movement of motor vehicles. Any lighting that distracts or disables the vision of a motor vehicle operator (e.g., excessively bright or rapid blinking, flashing, and/or motion video) or contributes to traffic control confusion (e.g., sources resembling or imitating traffic or railroad signals) is prohibited.
- B. Beacons and searchlights, except for emergency use by authorized first responders.

Section 4. Lighting Standards

- A. Light Level: Unless otherwise specified in this ordinance, lighting installed for an outdoor use shall not exceed 25% more than the Light Level recommended by the applicable ANSI/IES Lighting Standard.
- B. Distribution: Unless otherwise specified in this ordinance, Luminaires emitting more than 1,000 Lumens shall be Fully Shielded and shall emit no light above 90 degrees above Nadir. (Note DSI model ordinance calls for no more than 5% of their total Lumen output above 80 degrees from Nadir.) Luminaires activated by motion detection that automatically turn off in ten minutes or less after activation, are exempt from this requirement.
- C. Trespass: Light Trespass onto Residential Use property shall measure no greater than 1 Lux. (alt: not cast illumination directly onto adjoining property at levels likely to offend ordinary sensibilities as referenced in IESNA TM-11-2000. In that case, remove the residential limitation)
- D. Spectrum: Unless otherwise specified in this ordinance, the maximum allowable correlated color temperature (CCT) for outdoor Luminaires is 3000 K unless suitable lighting is not available from the customary source below that temperature or is mandated for the specific purpose by state or federal law, or a professional opinion substantiates that a higher temperature is necessary for safely performing some particular lawful function.
- E. Sign Lumens. Illuminated signs are prohibited in residential zones. In commercial zones, signage should not exceed 2700 lumens from dusk to dawn and nor 8000 lumens during daylight hours.

Section 5. Exemptions

The following are exempt from the hooding/shielding and color temperature provisions of this ordinance or as otherwise noted:

- A. Street lighting not owned by the city where the tariff for compliant fixtures would be significantly more expensive than comparable compliant fixtures, or where compliant fixtures are not available from the relevant utility.
- B. Festoon string lighting where no individual lamp emits more than 50 lumens, and the lumen density of the string is no greater than 25 lumens per foot.
- C. Navigation lights (i.e. airports, heliports, radio/television towers).
- D. Seasonal decorations with individual lights in place no longer than 60 days.
- E. Other special situations approved by the City for temporary or periodic events (i.e. parades, festivals, etc.)
- F. Security lights of any wattage that are controlled by a motion-sensor switch and which do not remain on longer than ten (10) minutes after activation.

- G.** Emergency lighting required by the currently adopted AFPC code per city.
- H.** Fossil fuel lighting.
- I.** Landscape elements. Accent lighting onto landscaping and foliage may be permitted. All luminaires shall be shielded and directed so that the light distribution is focused toward the functional landscape area being illuminated. They shall be permanently fixed so that they are resistant to tampering or redirection of the light source.
- J.** Building Mounted Accent Lighting. All building mounted accent lighting shall be shielded so no light is directly emitted above the horizontal plane at the bottom of the fixture and directed down on the area to be illuminated.
- K.** Ground Mounted Accent Lighting. Ground-mounted accent lighting for buildings shall be shielded so that all light is directed to the building. Direct light emissions shall not be visible above the roof line or beyond the building edge. All ground-mounted accent fixtures shall be permanently fixed such that they are resistant from tampering or redirection of the light source.

Section 6. Sports Facilities Lighting Standards

A. Design.

Sports Field Lighting shall be designed in accordance with IESNA standards located in IESNA RP 6-01 “Sports and Recreational Area Lighting”.

B. Time of Use.

1. Sports facility lighting should only be operational during the hours of athletic events or scheduled practices. Lighting should be turned off immediately following the conclusion of events or practices.
2. Maintenance at any sports facility must be completed during the day so that lighting does not have to be used at night.

Section 8. Compliance, Enforcement, Penalties and Appeals

- A. Monitoring and Compliance:** Compliance with the provisions of these regulations shall be monitored by the City Zoning Official.

B. Appeal. All administrative interpretations of this ordinance may be appealed to the Planning Commission. The Planning Commission may consider certain alternatives. Planning Commission decisions may be appealed to City Council for final authority.

C. Variance Process.

1. A variance application may be filled out for \$200.00 fee, a fee city council has determined satisfactory.
2. All lighting variance applications must provide public notice to surrounding properties within 200' of all property boundaries.
3. The Board of Zoning Adjustment will hear all variance application requests.

D. Noncompliance. The maintenance regarding this Ordinance is the property owner's responsibility and is expected to uphold the regulations listed herein. Violators may face a fine of up to \$250 for each infraction, with each day of noncompliance considered a separate violation. Citations may be issued by a certified law enforcement officer, leading to potential legal action. All costs and expenses incurred in the modification, removal, or replacement of non-compliant lighting shall be the sole responsibility of property owner.