

*Nancy A. Brown*  
MUNICIPAL CLERK

TOWNSHIP OF WYCKOFF  
COUNTY OF BERGEN  
STATE OF NEW JERSEY  
RESOLUTION #22-178

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INTRODUCED: *Rubenstein*

SECONDED: *Madigan*

MEETING DATE: May 10, 2022

REFERENCE: Green Lighting Policy

VOTE: MADIGAN ✓ MELCHIONNE ✓ RUBENSTEIN ✓ SHANLEY ✓ BOONSTRA ✓

**WHEREAS**, the Township of Wyckoff is applying to Sustainable Jersey; and,

**WHEREAS**, a green lighting policy has been developed, which is attached as if set forth at length; and,

**WHEREAS**, Ordinance 1838, which provided for dimming of fixtures and reducing light intensity, was adopted on August 8, 2017. .

**NOW, THEREFORE, BE IT RESOLVED**, by the Township Committee of the Township of Wyckoff, County of Bergen, State of New Jersey, that the attached green lighting policy is adopted as the Township's green-lighting policy.

**CERTIFICATION**

I, NANCY A. BROWN, MUNICIPAL CLERK OF THE TOWNSHIP OF WYCKOFF, CERTIFY THE ABOVE TO BE A TRUE AND EXACT COPY OF A RESOLUTION ADOPTED BY THE TOWNSHIP COMMITTEE ON MAY 10, 2022.

*Nancy A. Brown*  
NANCY A. BROWN  
MUNICIPAL CLERK

## INTEROFFICE MEMORANDUM

**TO:** Mark DiGennaro, P.E., Township Engineer  
Thomas Gensheimer, Construction Code Official/Building Sub-code Official  
Fred Depken,

**FROM:** Matthew Cavallo, Township Administrator

**DATE:** May 20, 2022

**RE:** **WYCKOFF GREEN LIGHTING POLICY**

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Please review the attached Green Lighting Policy and submit any changes or updates to the policy and return to me by Friday, June 3, 2022. This will be added as an Agenda item at the following Township Committee.

Thank you

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Matthew Cavallo  
Township Administrator

MC:dc

Cc: Township Committee

POLICY OF THE TOWNSHIP OF WYCKOFF

OUTDOOR LIGHTING POLICY  
(Green Lighting)

**1.0 ENVIRONMENTALLY PREFERRED OUTDOOR LIGHTING**

1.1 Statement of Policy

It is the practice and policy of the Township of Wyckoff to:

- Reduce light pollution by raising awareness of the nuisance of misdirected or excessive light caused by misaligned or inappropriate light fixtures
- Develop an environmentally preferred lighting policy that reduces light pollution by encouraging energy conservation.
- Reduce light pollution at public buildings and municipal facilities through the use of energy lighting fixtures which direct light downward
- Employ energy efficiency measures while preserving safety and security

1.2 Purpose and Objectives

The goal of this policy is to encourage and increase energy conservation for municipal buildings and facilities in the Township of Wyckoff by raising awareness of the nuisance of misdirected or excessive light from inappropriate and misaligned light fixtures. The Township of Wyckoff can promote practices that improve lighting practices, conserve natural resources and require environmentally conscious fixtures that direct lighting downward, while remaining fiscally responsible and safe.

The policy objectives for municipal buildings are to:

- Conserve natural resources and reduce light pollution
- Minimize environmental impacts such as light pollution
- Encourage energy conservation and the use of environmentally appropriate lighting fixtures.
- Encourage safe lighting on municipal athletic fields for youth sports while reducing light pollution

**2.0 SPECIFICATIONS**

2.1 The Township engineer, Township Consulting Engineer, Construction Code Official and Zoning Enforcement Officer shall work to require energy efficient and downward directed lighting, appropriately aligned to be utilized in all **non-residential** site plan applications, consistent with the requirements of the Code of the Township of Wyckoff specifically, but not limited to; 186-24-2 (H), 186-36-B4 (d), 186-36-C2 (D) and 168-20 (E).

2.2 With regard to previous site plan approvals when complaints or requests for services are received, the Township of Wyckoff staff shall attempt to encourage lighting that prevents light pollution.

Adopted 8/8/2017

**TOWNSHIP OF WYCKOFF**

**ORDINANCE #1838**

**AN ORDINANCE TO AMEND CHAPTER 168, "SUBDIVISION AND SITE PLAN REVIEW," OF THE CODE OF THE TOWNSHIP OF WYCKOFF, SECTION 168-20 "SITE PLAN DESIGN STANDARDS," TO AMEND SUBSECTION E. "ILLUMINATION," TO PROVIDE FOR NEW STANDARDS AND REQUIREMENTS WITH REGARDS TO OUTDOOR LIGHTING.**

**BE IT ORDAINED** by the Township Committee of the Township of Wyckoff, County of Bergen, State of New Jersey, that Chapter 168-20, "Site Plan Design Standards," is hereby amended to provide for dimming of fixtures and reduce light intensity in subsection E, "Illumination" as follows:

**SECTION 1 - Chapter 168                      Subdivision and Site Plan Review**

**Section 168-20                      Site Plan Design Standards**

**E. Lighting**

STANDARDS. All outdoor light fixtures installed and thereafter maintained, shall comply with the following requirements:

- (1) The maximum height of all light fixtures shall not exceed twenty (20) feet, as measured from grade to the top of the fixture.
- (2) Site lighting shall not include an up-lighted fixture.
  - a. Exception: Light fixtures used to illuminate the State or the National flag mounted on a pole, pedestal or platform shall use a narrow column beam of light that will not extend beyond the maximum extensions of the illuminated flag.
  - b. Landscape lighting to illuminate signs, building facades and specimen plantings.
- (3) Shielding and Dimming of Fixtures. All lighting fixtures shall be directed downward and shall be equipped with the necessary shielding so as to prevent the direct source of light from being visible from any point beyond the property lines of the premises upon which the lighting structure is located. The shielding shall restrict the apex angle of the cone of illumination to a maximum one hundred fifty (150) degrees. Electronically controlled dimmers shall also be required to minimize adverse and detrimental human and environmental lighting effects, particularly during off-peak time periods, as determined by the Township.



2. Walkways, stairways and bikeways (distant from roadways):  
two-tenths (0.2).

- (9) The style of the light and light standards shall be consistent with the architectural style of the principal building or surrounding area.
- (10) Floodlight-type fixtures shall be prohibited.
- (11) Freestanding lights shall be so located and protected to avoid being damaged by vehicles.
- (12) The maximum illumination at property lines shall be one-tenth (0.1) foot-candle at grade.
- (13) All wiring shall be laid underground.
- (14) No lighting shall be of a yellow, red, green or blue beam nor be of a rotating, pulsating, or other intermittent operation.
- (15) Bare bulbs or tubes are prohibited.
- (16) If LED lighting is utilized it shall not to exceed ~~3,500K~~. 3000K.
- (17) Lighting at grade at the property line shall not exceed one-tenth (0.1) foot-candles and there shall be no spillage onto adjacent properties.
- (18) There shall be a six (6) month assessment period after construction of the project is completed and a certificate of occupancy is issued, so that Township officials have the opportunity to determine what, if any, changes are necessary to lighting improvements. Applicants shall comply with such requested changes to the lighting plan and improvements, pursuant to this section. The applicant shall be required to maintain escrow funds to cover the cost of the Township's lighting professional to conduct any as-built lighting assessments and issue recommendations.

**SECTION 2** - Except as hereby amended, all other Sections of Chapter 168 shall remain in full force and effect.

**SECTION 3** - This Ordinance shall take effect upon final passage and publication according to law.