

*Township of Smithfield, PA  
Friday, February 9, 2024*

## Chapter 22. Subdivision and Land Development

### PART 10. DESIGN STANDARDS AND IMPROVEMENT REQUIREMENTS

#### § 22-1020. Lighting.

[Ord. 208, 9/25/2012]

1. All parking lots, multifamily developments and nonresidential developments shall be adequately lighted during after-dark operating hours. All light standards shall be located within landscaped islands and be freestanding on secure bases and not on the parking surfaces.
  - A. The lighting plan shall provide for nonglare lights focused downward. The incident light intensity provided at ground level shall be a minimum of 0.5 footcandle anywhere in the area to be illuminated, except where such illumination will cause a spillover effect on adjacent properties. Lighting shall be provided by fixtures with a mounting height not more than 20 feet.
  - B. Any other outdoor lighting, such as building and sidewalk illumination, signs, driveways with no adjacent parking and ornamental lighting, shall be shown on the lighting plan in sufficient detail to allow determination of the effects to adjacent properties, traffic safety and overhead sky glow. The objective of these specifications is to eliminate off-premises effects. No use shall produce glare off the premises by illumination originating on the premises. No bare or direct light source shall be visible beyond the lot lines. Only diffused or reflected lights shall be visible beyond the lot line. Illumination from light originating on the site shall not exceed 0.5 footcandles at the lot line.
  - C. Lighting design shall be in accordance with the applicable IESNA Standards. Calculations and plans demonstrating compliance with intensity and uniformity ratios shall be submitted.
  - D. Light poles and luminaries shall be shown on the plans and should be acceptable to the Township.
  - E. Where lighting is required or provided, the applicant/developer shall be responsible to complete all installation at its own cost.

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#### § 22-1017. Outdoor Lighting for Roadways.

[Ord. 208, 9/25/2012]

1. Should the Board of Supervisors deem it necessary or desirable to cause street lighting to be installed for safety or security considerations within a major or minor subdivision, the following shall be considered the obligation of the applicant/developer:
  - A. Streetlights shall be located at all intersections of new streets and an existing collector or other roads and at the intersection of a collector road and any other collector or arterial road, at an intersection of a commercial, industrial, or institutional use driveway with a public street (such fixture shall be privately owned and maintained), and at curves in a street with a 300-foot or sharper horizontal curve.
  - B. Lighting design shall be in accordance with the applicable IESNA Standards. Calculations and plans demonstrating compliance with intensity and uniformity ratios shall be submitted.
  - C. All lighting shall be properly directed, reflected, or shielded to avoid glare, to avoid shining light directly into the eyes of motorists and to direct lighting away from neighboring dwellings. Shields, visors, hoods and careful aiming shall be used as necessary to control the direction of lighting. Luminaries that are near residential areas shall utilize cut-off type fixtures that direct lighting away from neighboring properties.
  - D. Lighting shall not cause nighttime spillover of light that exceeds 0.5 horizontal footcandles.
  - E. Light poles and luminaries shall be shown on the plans and should be acceptable to the Township.