

Pelham's DarkSky Bylaw

To see if the Town will vote to amend Zoning Bylaws of the Town of Pelham, Section 125-21 Environmental performance standards, related to lighting, by removing §125-13(A) Lighting, and replacing with language ensuring lighting standards adopted in Village Center apply to all zoning districts, or take any other action related hereto.

Amend § 125-21(A) by replacing current section with:

Lighting

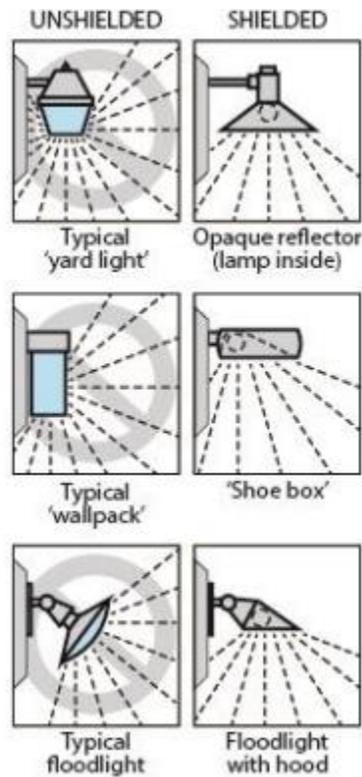
- (1) Applicability. The requirements of this section shall apply to all outdoor lighting on all lots and parcels in any district in the Town of Pelham. When existing outdoor lighting equipment is being modified, extended, expanded or replaced, it shall be subject to the requirements of this section. Exemptions from this section are identified on §125-8.2.(G)(1).
- (2) Lighting equipment shall be designed, constructed and installed to:
 - (a) control glare and prevent light trespass onto adjacent properties or public ways, curtail degradation of dark skies at night, and conserve energy resources while maintaining safety, visibility and security of individuals and property;
 - (b) direct light only where it is needed at the minimum intensity and duration necessary to serve the intended purposes and any sensor technologies, timers or other means to activate lighting shall be used only during times when it will be needed;
 - (c) prevent measurable light at the property lines and minimize glare at any location on or off the property.
- (3) Flashing, blinking, running, scrolling, traveling, animated, or intermittent lighting shall not be visible from the exterior of any building unless associated with exempted lighting types in §125-8.2.(G)(1).
- (4) Illumination levels. Any use, except for single-family residential properties, shall comply with site lumen limit found in §125-8.2.(G)(6)(a)[3] under the VC-N and VC-RE districts as applicable.
 - (a) For all other uses, including single family uses, all outdoor lighting shall not exceed the following allowed luminaire lumens of 630 lumens.
- (5) Color.

- (a) All luminaires in all districts must have light sources with a color temperature or correlated color temperature (CCT) of 2700 Kelvin or less.
 - (b) The color rendering index of all luminaires in all districts must be sixty- five (65) or higher.
- (6) Backlight, Uplight, Glare (BUG) Rating. All luminaires in all districts except for those in the Village Center districts, shall be rated and installed in accordance with the following standards.

Maximum Backlight, Uplight, and Glare (BUG) Ratings	
Backlight Rating	
Greater than 2 mounting heights from property line	B1
One (1) to less than two (2) mounting heights from property line ¹¹ and ideally oriented.	B1
0.5 to 1 mounting heights from property line ¹¹ and ideally oriented.	B0
Less than 0.5 mounting height to property line and properly oriented	B0
Uplight Rating	U0
Allowed % light emission above 90 degrees from street or area lighting	0%
Glare Rating	G0
Any luminaire not ideally oriented with 1 to less than 2 mounting heights to any property line of concern	G0
Any luminaire not ideally oriented with 0.5 to 1 mounting heights to any property line of concern	G0
Any luminaire not ideally oriented with less than 0.5 mounting heights to any property line of concern	G0

- (7) Luminaires that are accessory to a single or two-family use shall be fully shielded so that no light emitted by the luminaire is projected above a horizontal plane (see definition of “fully shielded luminaire” in §125-34).

- (a) Illustrations showing unshielded and shielded luminaires:



- (8) Any motion activated lighting using sensor technologies, timers or other means shall remain off unless motion is detected.