

Best Lighting Practices

To Benefit the Residents and Visitors of Gibraltar Township

Goals

1. To improve safety by reducing glare
2. To save energy by reducing consumption
3. To ensure privacy by reducing light trespass
4. To preserve the dark sky by reducing sky glow

To accomplish these goals all outdoor lighting both public and private would ideally:

1. Be fully shielded so that all light emitted by the fixture would be projected below the horizontal plane for the purpose of reducing glare, light trespass and sky glow
2. Use energy efficient lamps such as metal halide (MH), high & low pressure sodium (HPS)(LPS) and use the lowest wattage possible for the purpose intended for the purpose of reducing energy consumption
3. Be downcast for the purpose of reducing glare, light trespass, and sky glow
4. Be designed, located, installed, and directed to maximize the efficiency of the lighting while reducing glare, light trespass and sky glow

Other Recommendations

Sign lighting: Refer to the Gibraltar Sign Ordinance

Decorative Lighting: Lights would not flash, blink, chase or otherwise be in motion

Canopy Lighting: Lamps and diffusers would be recessed and not extend below the surface of the canopy

Flag Lighting: Ideally flags would be retired at sunset.

Either of the following methods of lighting the flag would meet the goals listed above if you choose to fly the flag after dark.

- 1) Downcast lighting fixtures mounted on the top of the pole
- 2) A lighting fixture on the ground directly below the flagpole or on the pole some distance up with the cone of light being confined to the circumference of the flag.

In addition, the lowest wattage light that adequately illuminates the flag would be the best choice for saving energy.

Exceptions to these best practices: Navigational lighting, state & county highway lighting and communication towers.