

From handout in our January 2023 meeting packet featuring Illumination Engineering Society (IES) and International Dark Sky Association (IDA) Five Principles for Responsible Outdoor Lighting

1. **All light should have a clear purpose** – is it needed? How might it impact the area? Are there alternatives?
2. **Light should be directed only to where needed** – use shielding, point downward, and avoid spill beyond where needed
3. **Light should be no brighter than necessary** – use lowest light level possible
4. **Light should be used only when it is useful** – use timers or motion detectors, turn off when not needed
5. **Use warmer color lights where possible** – limit the amount of blue-violet light

SECTION TWO: Section 515-4-8. E of the Zoning Code is hereby amended by adding the following:

E. Performance Standards.

1. **Residential Use and PSP District Standards.** All exterior lighting shall be directed away from adjoining property or from any public right-of-way. All lighting shall be installed in accordance with the following provisions:
 - a. The luminaire shall contain a full cut off fixture which directs and cuts off light at an angle of 90 degrees or less.
 - b. The light source shall be controlled so as not to light adjacent property in excess of the maximum light levels defined by this Ordinance.
 - c. Architectural/landscape lights that include fixtures that are not shielded, or lighting of entire facades or architectural features of a building are permitted. In no case shall the light affect adjacent property in excess of the maximum light levels defined in this Ordinance. Any luminaire or light source applied in such purpose shall be down cast to protect the night sky.
 - d. The maximum height of the fixture, pole and base above ground grade permitted for light sources is thirteen (13) feet. A light source mounted on a structure shall not exceed the height of the structure.
 - e. If the bulb/light source is fully recessed and/or shielded from view by an observer at five (5) feet above grade at the nearest property line, an increase in light source height to a maximum of twenty (20) feet may be allowed.
 - f. A light source mounted on a structure shall not exceed the height of the structure, and shall be fully recessed and/or shielded from view by an observer at five (5) feet above grade at the nearest property line.
2. **Business/Industrial Use Standards.** All exterior lighting shall be...
 - a.
 - b.
 - c. Architectural/landscape lights that include fixtures that are not shielded, or lighting of entire facades or architectural features of a building are permitted. In no case shall the light affect adjacent property in excess of the maximum light levels defined in this Ordinance. Any luminaire or light source applied in such purpose shall be down cast to protect the night sky.
 - d. ..., and shall be fully recessed and/or shielded from view by an observer at five (5) feet above grade at the nearest property line.
 - e. ..., and shall be fully recessed and/or shielded from view by an observer at

five (5) feet above grade at the nearest property line.

f. ..., and shall be fully recessed and/or shielded from view by an observer at five (5) feet above grade at the nearest property line.

