

Section 131-020 Definitions

Except as specifically defined below, words or phrases used in the Outdoor Lighting Regulations shall be interpreted so as to give them the meaning they have in other parts of the Zoning Regulations or, when not otherwise defined, the meaning they have in common usage.

1. **Direct Light:** Light emitted directly from the lamp, off of the reflector or reflector diffuser, or through the refractor or diffuser lens of a luminaire.
2. **Full Cut-Off Type Fixture:** A luminaire that complies with the Illuminating Engineers Society of North America (IESNA) criteria for true cut-off fixtures. (90% of fixture light out-put within the 0-60% range from vertical.) No portion of the bulb or direct lamp image may be visible beyond two mounting heights from the fixture.
3. **Fully Shielded Lights:** Fully shielded luminaire light fixtures allow you to control the glare in any direction.
4. **Glare:** Light emitting from a luminaire with an intensity great enough to reduce a viewer's ability to see, and in extreme cases causing momentary blindness.
5. **Height of Luminaire:** The height of a luminaire shall be the vertical distance from the ground directly below the centerline of the luminaire to the lowest direct light emitting part of the luminaire.
6. **Isodiagram:** An isodiagram is a graphical representation of points of equal illuminance drawn as a single line, circular patterns, or computer generated spot readings in a grid pattern on a site plan. Lighting designers and manufacturers generate these diagrams to show the level and evenness of a lighting design and to show how light fixtures will perform on a given site.
7. **Lamp:** The light source component of a luminaire that produces the actual light.
8. **Light Trespass:** Light that shines beyond the boundaries of the property on which the luminaire is located.
9. **Light Pollution:** General sky glow caused by poorly designed luminaires that scatter artificial light into the atmosphere; excessive artificial light.
10. **Light Shield:** Any attachment that blocks the path of light emitted from a luminaire or light fixture.
11. **Lumen:** A unit of measurement quantifying the amount of light emitted from a light source. Lamps are calibrated by their manufacturer in terms of the lumens

emitted by the lamp. This measurement is expressed in terms of Initial Lumens and Mean Lumens as defined below.

12. Luminaire: A complete lighting system including a lamp or lamps and a fixture.
13. Outdoor Lighting: The nighttime illumination of an outside area or object by any man-made device located outdoors that produces light by any means.
14. Uplighting: Any light source that distributes illumination above a 90 degree horizontal plane.
15. Mean Lumens: The average light output of a lamp over its rated life. For example, fluorescent and metal halide lamps mean lumen ratings are measured at 40% of rated lamp life; for mercury, high pressure sodium, and incandescent lamps, mean lumen ratings are measured at 50% of rated lamp life.
16. Initial Lumens: The quantity of light output of a lamp measured after the first 100 hours of operation.
17. Net Acre: The usable area of a property after the area of buildings and other structures are subtracted.