

Chapter 2 – Definitions

Correlated color temperature (CCT). Measured in Kelvin (K) describes the perceived warmth or coolness of light. Lower values represent warmer light in the orange spectrum and higher values represent cooler light in the blue spectrum. 1,800K is similar to candlelight and 10,000K is similar to a clear blue sky at midday.

Curfew. A time established for listed lighting systems to be automatically extinguished.

Developed Area. All improved surface area including but not limited to: buildings, structures, storage, service and manufacturing areas, assembly areas, parking, loading, driveways, and landscaping related to the uses, but not areas that are only cleared.

Development Project. Any residential, commercial, industrial or mixed-use subdivision plan or development plan which is submitted to the jurisdiction for approval or for permit.

Direct Illumination. Illumination resulting from light emitted directly from a lamp or luminaire, not light diffused through translucent signs or reflected from other surfaces such as the ground or building faces.

Foot-candle (FC). A common unit of illuminance equal to one lumen per square foot from a uniform source of light used to measure the intensity of light on a surface

Fully Shielded Light Fixture (Full cutoff). A fully shielded light fixture is a luminaire where no candela occurs at or above an angle of 90 degrees above the nadir. This applies to all lateral angles around the luminaire. Such candela information shall be as determined by a photometric test report from a nationally recognized independent testing laboratory and as certified by the manufacturer. Any structural part of the luminaire providing full shielding shall be permanently attached.

HPS - High-pressure sodium vapor

IES - Illuminating Engineering Society

Installed. The attachment, or assembly fixed in place, whether or not connected to a power source, or any outdoor light fixture.

Kelvin (K) - The base unit for temperature in the International System of Units

Lamp. Generic term for a man-made source of light. In the context of this Code, the lamp is the electrically powered light bulb, fluorescent or neon tube, or LED light source.

LED. Light emitting diode solid state lighting source.

Light Fixture (Luminaire). The terms Light Fixture and Luminaire may be used interchangeably in this document.

LLD - Lamp lumen depreciation represents the fraction of initial lumens a lamp produces at a specific point in its lifespan, reflecting the gradual loss of light output over time

LPS - Low-pressure sodium vapor

Lumen. Unit of luminous flux; used to measure the amount of light emitted by lamps.

Luminaire. The complete lighting assembly, less the support assembly. For purposes of determining total light output lighting assemblies which include multiple lamps or light sources in a single housing shall be considered as a single luminaire. Two or more luminaires installed less than three feet apart shall be considered a single luminaire.

MH - Metal-halide

Narrow Band (NB) - LED that emits light within a restricted range of wavelengths, including amber, red, green, or blue

Narrow Band Amber (NBA) – Narrow band amber emits primarily in the yellow-amber spectrum

Opaque. Opaque means that the material shall not transmit visible light.

Outdoor light fixture. An outdoor illuminating device, luminaire or other device that emits light, permanently installed or portable.

Outdoor Light Output - Total. The total amount of light, measured in lumens, from all outdoor light sources. Total outdoor light output is determined as follows: 1. For all lamp types, the initial lumen output, as defined by the lamp manufacturer, shall be the lumen

value used. 2. The total light output for each outdoor light fixture shall be based on the largest lamp that the outdoor light fixture is rated to accommodate. For the purpose of compliance with this section, the largest lamp rating for fluorescent and high intensity discharge fixtures shall be based on the installed ballast rating. 3. It shall be permissible to adjust the lamp lumen rating of fluorescent lamps in accordance with the ballast factor for the specific ballast type installed.

Outdoor Recreation Facility. An area designed for active recreation, whether publicly or privately owned, including, but not limited to baseball, soccer, football, golf, tennis, swimming pools, equestrian, and racetracks of any sort.

PC - Phosphor converted LED are a class of lighting that combines blue or violet narrow-band solid-state light emitters with phosphor materials to shift emitted light a broader spectrum

Person. Any individual, tenant, lessee, owner, or any commercial entity including but not limited to firm, business, partnership, joint venture or corporation.

Residential. For the purposes of this code, residential shall refer to dwellings with four or fewer dwelling units per building.

Right-of-way. An alley, road, street, or highway, and associated sidewalks permanently dedicated for public or private use.

Shield. A component of the Outdoor Light Fixture that blocks the transmission or emission of light as a means of controlling or directing the light emitted from the fixture. A permanently attached shield may be part of the fixture which contributes to the full cutoff lighting performance of the fixture.

Shielded. An Outdoor Light Fixture having shields permanently installed to provide full cutoff photometric performance.

Sign. Every message, announcement, declaration, display, illustration, insignia, surface or space erected or maintained in a location outside and visible to the public for

identification, advertising or promotion of the interest of any person, entity, product or service.

Skyglow - The brightness of the night sky as a result of light pollution

SPD - Spectral power distribution is a graph that shows the amount of radiant power emitted by a light source at each wavelength in the visible spectrum

Temporary Lighting. Lighting which will not be used for more than one thirty (30) day period within a calendar year, with one thirty (30) day extension. Temporary lighting is intended for uses which by their nature are of limited duration; for example holiday decorations. Civic events, or construction projects.

Unshielded. Any light fixture or luminaire that is not a Full Cutoff Light Fixture.

Use – Abandonment of. The relinquishment of a property, or the cessation of the use or activity by the owner or tenant for a period of six months, excluding temporary or short-term interruptions for the purpose of remodeling, maintaining, or otherwise improving or rearranging a facility. A use shall be deemed abandoned when such use is suspended as evidenced by the cessation of activities or conditions which constitute the principal use of the property.