

Exhibit 18

[NOTE: The definitions and figures shown below are taken from the September 2018 revisions to the Non-Coastal Zoning Ordinance, made as part of the Dark Sky Overlay Zone project. They are reproduced here to aid in review of the proposed Habitat Connectivity and Wildlife Corridor Ordinance.]

Correlated Color Temperature (CCT) – A measure in degrees *Kelvin* (K) of the warmth or coolness of light. Lamps with a CCT of less than 3,000 K are yellowish and considered warm. Lamps with a CCT greater than 4,000 K are bluish–white and considered cool.

Glare – The sensation produced by a bright source within the visual field that is sufficiently brighter than the level to which the eyes are adapted causing annoyance, discomfort, or loss in visual performance and visibility.

Kelvin – A unit of measure used to describe the hue (or *correlated color temperature*) of a light source.

Light Fixture – See *definition of luminaire*.

Light Pollution – Adverse effects of artificial light including, but not limited to, *glare*, *light trespass*, *sky glow*, and impacts on the nocturnal environment, including light sources that are left on when they no longer serve a useful function.

Light Trespass or Light Spillover - Light emitted by a *luminaire* that shines beyond the boundaries of the property on which it is sited.

Lighting, Directional – Adjustments made to a *luminaire* to focus light where it is needed.

Lighting, Outdoor - Any *luminaire* that is installed outside the interior of a structure. The *luminaire* could be mounted to the exterior of a structure, mounted to poles, fences or other freestanding structures, or placed so as to provide direct illumination on any exterior area, object or activity. Outdoor lighting includes but is not limited to *luminaires* used for porches, *hardscapes*, *landscapes*, *security lighting*, *driveways* and *walkways*, *parking areas*, and *outdoor recreation areas*.

Lighting, Seasonal or Festive – Temporary lighting installed and operated in connection with holidays, traditions or festivities.

Lighting, Security – A *luminaire* that is primarily intended to deter or detect intrusions or other unwanted activity. It can also be used to allow safe passage.

Lumen - Unit of measure used to quantify the amount of light produced by a lamp or emitted from a *luminaire* (as distinct from a “watt,” which is a measure of power consumption).

Luminaire - A complete lighting unit — i.e., the lamp and all components directly associated with the distribution, positioning and protection of the lighting unit. This is also referred to as a *light fixture*.

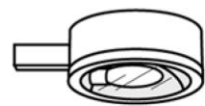
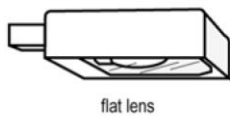
Luminaires, Essential - A *luminaire* that is used for safety purposes, *security lighting*, to illuminate a circulation area such as a walkway or driveway, or to illuminate a building entrance.

Luminaire, Fully-Shielded - A *luminaire* constructed and installed in such a manner that all light emitted by the fixture is projected below the horizontal plane through the fixture’s lowest light-emitting part. Examples of fully-shielded luminaires are included in Figure 1.

Figure 1. Examples of Fully-Shielded Luminaires

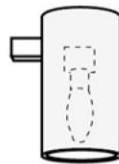


Full Cutoff Fixtures

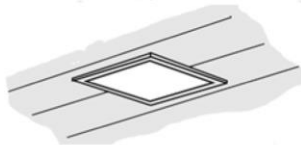


**Full Cutoff Bollard
(Walkway Light)**

**Wall-mounted, Full Cutoff
Fixtures (wallpacks)**



**Recessed (flush mounted)
Under Canopy Fixture**



**Full Cutoff, Properly-aimed
PAR Floodlights**



**Properly-aimed LED
Security Lights**



**Decorative
Full Cutoff
Fixtures**



**bulb shielded
in opaque top**



Luminaire, Partially-Shielded - A *luminaire* constructed and installed such that most light emitted by the fixture is projected below the horizontal plane through the fixture's lowest light-emitting part. Light emitted above the horizontal plane arises only from decorative elements or diffusing materials such as frosted/colored glass or plastic. Examples of partially-shielded luminaires are included in Figure 2.

Figure 2. Examples of Partially-Shielded Luminaires



Outdoor Recreational Facility - An outdoor area designed for active recreation, whether publicly or privately-owned, including, but not limited to, baseball and softball diamonds, soccer and football fields, golf courses, equestrian arenas, and tennis courts.