

EXHIBIT B – DRAFT DEFINITION ORDINANCE

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Chapter 1660. Outdoor Lighting Definitions

1660.010 Cutoff fixture

A fixture that provides shielding in some form or fashion to limit the amount of light or glare that is produced. Fixture designation would be non-shielded, semi-cutoff and full cutoff.

1660.020 Display lighting

Lighting for uses such as auto dealerships, outdoor storage areas, retail establishments and outdoor displays.

1660.030 Direct glare

The effect causing visual discomfort resulting from insufficiently shielded light sources in the field of view.

1660.040 Emergency lighting

Lighting used by or for the purpose of Police Departments, Fire Departments, or other government entities for the purpose of public safety, and the lighting installed for safe occupant egress.

1660.050 Existing light fixture

A lighting fixture installed, or approved by the Town to be installed, pursuant to the effective date of this ordinance.

1660.060 Flood light (or spot light)

Any light fixture or lamp that incorporates a reflector or a refractor to concentrate the light output into a directed beam in a particular direction.

1660.070 Footcandle (fc)

A quantitative unit measuring the amount of light cast onto a given point, measured as one lumen per square foot.

1660.080 Full Cutoff Fixture

An outdoor light fixture shielded or constructed in such a manner that it emits no light above the horizontal plane of the fixture.

1660.090 Illuminating Engineering Society of North America (or IESNA)

The Illuminating Engineering Society of North America, a non-profit professional organization of lighting specialists that has established recommended design standards for various lighting applications.

1660.100 Light pollution

Any artificial light that is emitted either directly or indirectly by reflection that alters the appearance of the night sky, interferes with astronomical observation, or interferes with the natural functioning of nocturnal native wildlife.

1660.110 Light trespass

Effects of light that stray from the intended purpose and becomes an annoyance, a nuisance, or a deterrent to visual performance. As such, light trespass should always be considered negative, unlike spill light, which can have positive or negative attributes. Light trespass is the encroachment of light causing annoyance, loss of privacy, or other nuisance.

1660.120 Luminaire

The complete lighting system, which includes the lamp (or lamps) and the fixture.

1660.130 Luminaire pole height

The total measurement from a paved or landscaped surface at ground level under the fixture to the further most point on top of the luminaire.

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1660.140 Maintained footcandles

The level of illumination present after a typical one hundred (100) hour burn-in period. Typically less than the original “initial” footcandle level that is present at the time of the installation.

1660.150 Motion sensors

A mechanism for controlling illumination by turning lights on when activated by motion, remaining on during activity for a set amount of time (typically thirty [30] minutes) following the last detection of motion.

1660.160 Nonessential lighting

Means lighting that is not necessary for an intended purpose after the purpose has been served. For example, lighting for a business sign, architectural accent lighting and parking lot lighting, is considered essential during business or activity hours, but is considered nonessential once the hours of operation have ended.

1660.170 Outdoor lighting

Any outdoor artificial lighting device, fixture, lamp, or other similar device, whether permanently installed or portable, which is intended to provide illumination for either visibility or decorative effect. Such devices shall include, but not be limited to, area, search, spot, and flood lighting used for: buildings and structures, recreational facilities, parking lots, landscape lighting, business and advertising signs, roadways, walkways, etc.

1660.180 Photocells

Mean a mechanism that is activated by the non-presence of sunlight and has the effect of illuminating a property all night. Photocells are permitted only at primary entrances (unless mounted to a building wall) and where the light source is fully shielded by opaque material.

1660.190 Security lighting

Means a light used either commercially or residentially for protection of goods or property and is designed and used to discourage crime and undesirable activity.

1660.200 Semi cutoff fixture

An outdoor light fixture shielded or constructed in such a manner that it emits no more than five (5) percent of its light above the horizontal plane of the fixture, and no more than twenty (20) percent of its light ten (10) degrees below the horizontal plane of the fixture.

1660.210 Shielding

A design feature or a device that is applied to a luminaire to prevent its luminous output from being visible from selected locations or horizontal and/or vertical angles.

1660.220 Up-lighting

Lighting that is directed and aimed in such a manner as to shine light rays above the horizontal plane, such as the lighting of a building façade, church steeple, foliage, flagpole or sign.

1660.230 Wallpack fixture

A lighting unit typically surface mounted to a vertical exterior building wall.