

Date: 5-27-21
Name of preparer: Sean Amodt
Contact information of preparer: amodtsg@gmail.com
Reason for change: • Need to update guidelines to match our new purpose section. • Guidelines focus on the causes of bad lighting and encourage solutions to fix those.
Current wording: (There is no current Outdoor lighting Guidelines section. This will be in addition to our current ordinance.)
Proposed wording: (8.40 OUTDOOR LIGHTING) B. (Definitions for Luminaire, Spot Luminaire, Shielding, Filtering, Color Temperature, and Glare are included in chapter 2.12.) <u>Luminaire</u>- (new def already done.) <u>Spot luminaire</u>- A lamp projecting a narrow, intense beam of light directly on to a place or person. <u>Shielding</u>- A barrier around a light bulb that directs the light output and minimizes glare. <u>Filtering</u>- The use of translucent materials that allow light brightness while adding a degree of glare reduction. <u>Color temperature</u>- Color temperature for lighting is measured in Kelvins following the light spectrum. The lower Kelvin temperatures are more yellow (ex. 3000K) and the higher temperatures are a more blue or daylight color (ex. 6500K). <u>Glare</u>- An intense and blinding <i>light</i> that reduces visibility. C. GENERAL OUTDOOR LIGHTING GUIDELINES. 1. <u>Positioning</u>- When possible, lighting should be placed at a location, angle, or height that directs illumination inside the property boundaries where the light fixtures are located and away from adjoining premises used for residential or sleeping purposes. a. <u>Spot luminaire</u>- A spot luminaire may not be aimed or directed toward residential buildings on adjacent land without shielding and/or filtering. b. <u>Exemptions</u>- Lighting for public roadways may be placed up to the edge of any bordering property, with a maximum height of twenty-five feet (25'). 2. <u>Shielding</u>- It is generally preferred to have lighting directed <u>downward</u> and/or <u>shielded from the top</u> to protect the night sky and still provide for safety. 3. <u>Light color temperature</u>- Warm White and natural color lamps at a color temperature of 3500K (Kelvin) or less are preferred. 4. <u>Filtering</u>- Filtering should be encouraged where appropriate to minimize glare. 5. <u>Glare</u>- Lighting applications requiring a light with a color temperature above 3500K must be shielded and/or filtered from direct glare.

- a. Spot luminaire- A spot luminaire may not be aimed or directed to create glare perceptible to persons operating motor vehicles on public ways.
 - b. Exemptions to glare-
 - i. Temporary outdoor lighting (see below)
 - ii. Event Lighting (see below)
 - iii. Holiday lighting (see below)
6. Time of Operation- It is encouraged to have lighting, not intended for safety purposes, be turned off by 11 p.m. for the enjoyment of viewing night skies.
7. General exemptions- (General Outdoor Lighting Guidelines are still encouraged.)
 - a. Any luminaries used for public roadway illumination.
 - b. All temporary emergency lighting needed by the Police or Fire Departments or other emergency services.
 - c. All vehicular luminaries.
 - d. All hazard-warning luminaries required by Federal regulatory agencies,
 - e. The lighting of Federal or State flags.
8. General prohibitions-
 - a. Searchlights. The operation of searchlights for advertising purposes is prohibited.
 - b. Laser Source light. Commercial use of laser source light or any similar high intensity light for outdoor advertising or entertainment, when projected above a horizontal plane is prohibited, unless it is part of an authorized, permitted event.
 - c. The illumination of outdoor advertising off-site signs, between the hours of 11:00 p.m. and sunrise, is prohibited.
9. Violations and Complaints.
 - a. Complaints of Violation(s). Violations of this section will be received by written complaint to the Town Office and investigation procedures followed as listed in VULU section 2.24 (Enforcement).

VIRGIN TOWN

ORDINANCE # 2021-52 .

AN ORDINANCE AMMENDING SECTIONS OF CHAPTER 8.40 (OUTDOOR LIGHTING) IN ORDER TO MAINTAIN CONTINUITY BETWEEN OTHER SECTIONS OF VULU.

RECITALS

WHEREAS, Virgin Town (“Town”) is an incorporated municipality duly organized under the laws of the State of Utah;

WHEREAS, the Town is authorized pursuant to Utah Code Annotated, Title 10, Chapter 9A, to enact ordinances necessary or appropriate for the use of land within the Town’s municipal boundaries;

WHEREAS, pursuant to Utah Code Annotated, Title 10, Chapter 3b, Section 301, the Virgin Town Council (“Town Council”) is designated as the governing body of the Town.

WHEREAS, sections of VULU Chapter 8.40 are currently not compatible with other parts of VULU,

WHEREAS, amendments to VULU Chapter 8.40 would create better continuity and compatibility within VULU,

WHEREAS, the Town, by and through its Town Council, has determined that it is in the best interests of the Town and its residents to amend sections of VULU chapter 8.40 to maintain continuity and compatibility within VULU

ORDINANCE

NOW THEREFORE be it ordained by Virgin Town, Washington County, State of Utah, acting by and through the Town Council amend VULU Chapter 8.40 as follows:

8.40 (OUTDOOR LIGHTING)- (Proper coding will be done to match the section this will be placed into upon publishing.)

B. (Definitions for Luminaire, Spot Luminaire, Shielding, Filtering, Color Temperature, and Glare are included in chapter 2.12.)

C. GENERAL OUTDOOR LIGHTING GUIDELINES.

1. Positioning- When possible, lighting should be placed at a location, angle, or height that directs illumination inside the property boundaries where the light fixtures are located and away from adjoining premises used for residential or sleeping purposes.

- a. Spot luminaire- A spot luminaire may not be aimed or directed toward residential buildings on adjacent land without shielding and/or filtering.

- b. Exemptions- Lighting for public roadways may be placed up to the edge of any bordering property, with a maximum height of twenty-five feet (25').
2. Shielding- It is generally preferred to have lighting directed downward and/or shielded from the top to protect the night sky and still provide for safety.
3. Light color temperature- Warm White and natural color lamps at a color temperature of 3500K (Kelvin) or less are preferred.
4. Filtering- Filtering should be encouraged where appropriate to minimize glare.
5. Glare- Lighting applications requiring a light with a color temperature above 3500K must be shielded and/or filtered from direct glare.
 - a. Spot luminaire- A spot luminaire may not be aimed or directed to create glare perceptible to persons operating motor vehicles on public ways.
 - b. Exemptions to glare-
 - i. Temporary outdoor lighting (see below)
 - ii. Event Lighting (see below)
 - iii. Holiday lighting (see below)
6. Time of Operation- It is encouraged to have lighting, not intended for safety purposes, be turned off by 11 p.m. for the enjoyment of viewing night skies.
7. General exemptions- (General Outdoor Lighting Guidelines are still encouraged.)
 - a. Any luminaries used for public roadway illumination.
 - b. All temporary emergency lighting needed by the Police or Fire Departments or other emergency services.
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 - e. The lighting of Federal or State flags.
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9. Violations and Complaints.
 - a. Complaints of Violation(s). Violations of this section will be received by written complaint to the Town Office and investigation procedures followed as listed in VULU section 2.24 (Enforcement).

REQUEST FOR VIRGIN TOWN COUNCIL ACTION

To: Mayor and City Council
From: Planning and Zoning
Date:
Subject:
Citizen comments summary:
Recommendation:
Background and Findings:
Fiscal Impact:
Supporting Documents:
This request prepared by:
This request prepared on: