

CHAPTER 17.44

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CHAPTER 17.44

LIGHTING

17.44.010 PURPOSE AND INTENT

The intent of this section is to provide a safe environment for the public and visitors of the community. Protection from glare, or encroachment of lighting from one property or district to another can affect the quiet enjoyment of the use of property of others.

A. Purpose

1. Provide lighting in outdoor public places where public health, safety and welfare are potential concerns;
2. Protect drivers, bicyclists and pedestrians from the glare of non-vehicular light sources that shine into their eyes and thereby impair safe travel;
3. Protect neighbors and the night sky from nuisance glare and stray light from poorly aimed, placed, applied, maintained or shielded light sources;
4. Protect and maintain the character of the City of Dillon;
5. Prevent excessive lighting and conserve energy; and
6. Provide adequate lighting for safe pedestrian and bicycle travel.

B. General

The provisions of this section are not intended to prevent the use of any design, material or method of installation or operation not specifically prescribed herein, provided any such alternate has been approved by the designated Administrative Official. The Administrative Official may approve any such alternate provided that:

1. The lighting provides at least approximate equivalence to the applicable specific requirements of this section; and
2. The lighting is otherwise satisfactory and complies with the intent of this section.

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17.44.020 SITE LIGHTING SUPPORT STRUCTURES

The ballasts, pole type, strength, anchor bolts, and pole foundation shall be appropriate for the proposed lighting and shall be installed according to the manufacturer's specifications. Height shall be measured from grade. Light poles for parking lot lighting shall not exceed 25 feet.

A. Site Lighting Installation and Maintenance.

1. For new installations, electrical feeds for fixtures mounted on poles shall be run underground, not overhead.
2. Poles supporting lighting fixtures for the illumination of parking areas and located directly behind parking spaces, shall be placed a minimum of 5 feet outside the paved area, or on concrete pedestals at least thirty (30) inches high above the pavement, or suitably protected by other approved means.
3. Lighting fixtures and ancillary equipment shall be maintained so as always to meet the requirements of this ordinance.

B. Miscellaneous Site Lighting Specifications.

1. All lighting shall comply with the following requirements:
 - a. All outdoor lighting, whether or not required by this ordinance, shall be aimed, located, designed, fitted and maintained so as not to present a hazard to drivers or pedestrians by impairing their ability to safely traverse and so as not to create a nuisance by projecting or reflecting objectionable light onto a neighboring use or property.
 - b. All outdoor lighting fixtures shall be shielded in such a manner that no light is emitted above a horizontal plane passing through the lowest point of the light emitting element so that direct light emitted above the horizontal plane is eliminated.
 - c. Vegetation screens shall not be employed to serve as the primary means of controlling glare. Rather, glare control shall be achieved primarily through the use of such means as cutoff fixtures, shields and baffles, and appropriate application of fixture mounting height, wattage, aiming angle and fixture placement.
 - d. All outdoor lighting shall be designed and located such that the maximum illumination measured in footcandles at the property line shall not exceed 0.3 onto adjacent residential properties and 1.0 onto adjacent commercial properties.
 - e. Externally illuminated wall-mounted and pole signs shall be lighted by fixtures mounted at the top of the sign and aimed downward; ground-mounted sign lighting may only be used for monument style signs. Fixtures used to illuminate signs shall be aimed so as not to project their output beyond the sign.

- g. Floodlights, spotlights or any other similar lighting shall not be used to illuminate buildings or other site features unless approved as an integral architectural element on the development plan. On-site lighting may be used to accent architectural elements but not illuminate entire portions of buildings.

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17.44.030 ACCENT LIGHTING

Where accent lighting is used, the maximum illumination on any vertical surface or angular roof surface shall not exceed 5.0 average maintained footcandles. Building façade and accent lighting shall not be approved unless the light fixtures are carefully selected, located and spillover light is eliminated.

- A. Directional fixtures to illuminate flagpoles may project their output beyond the flagpole. Flag must be lighted at night or taken down at dusk.
 - 1. Lights that flash, move, revolve, rotate, scintillate, blink, flicker, vary in intensity or color, or use intermittent electrical pulsation are prohibited.
 - 2. Translucent awnings and canopies used for building accents over doors, windows, etc., shall not be internally lit (i.e., from underneath or behind).
 - 3. Search lights, laser source lights or any similar high-intensity light shall not be permitted, except in emergencies by police and fire personnel or at their direction, for special events if a permit is obtained from the designated Administrative Official.
 - 4. Fixtures shall be of a type and design appropriate to the lighting application.
 - 5. For lighting horizontal areas such as roadways, sidewalks, entrances and parking areas, fixtures shall meet IESNA “full-cutoff” criteria (no light output emitted above 90 degrees at any lateral angle around the fixture).

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17.44.040 SPECIAL LIGHTING

- A. Sports and Athletic Field Lighting.
 - 1. Lighting for sports and athletic fields may need to exceed illumination standards for general recreational needs in order to meet higher standards required for play. The City Council may approve exceptions to the lighting standards provided that the following standards are met:
 - a. Fixtures shall be designed and aimed so that their beams fall within the primary playing area and the immediate surroundings, so that off-site

direct illumination is significantly restricted (spillover levels at the property line shall not exceed 0.3 footcandles).

- b. Lighting shall be extinguished no later than one (1) hour after the event ends.

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17.44.050 HISTORIC LIGHTING

The City Council may allow different lighting standards and requirements within an Historic Overlay district. Historic lights shall be proposed as an integrated part of an overall historic preservation plan and plans reviewed and recommendations made by the Historic Preservation Committee and considered by the City Council for approval.

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17.44.060 INSPECTION FOR COMPLIANCE

- A. Post Installation Inspection. The City of Dillon reserves the right to conduct post-installation nighttime inspections to verify compliance with the requirements of this ordinance, and if appropriate, to require remedial action at no expense to the City.
- B. Compliance Monitoring. If the City of Dillon finds that a lighting installation creates a safety or personal security hazard, the person(s) responsible for the lighting shall be notified in writing and required to take remedial action within thirty (30) days.
- C. Nuisance Glare and Inadequate Illumination Levels. When the City of Dillon finds that a glare, skyward light, excessive or insufficient illumination levels, or otherwise varies from this ordinance, the City may notify the person(s) responsible for the lighting and require appropriate remedial action within thirty (30) days.

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17.44.070 NONCONFORMING LIGHTING

With the exception of street lighting, any security lighting fixtures or a security lighting installation in use on the effective date of this ordinance, that does not conform to this ordinance and is not otherwise required to be brought into compliance pursuant to this ordinance, shall be required to be in compliance within five (5) years after the date of enactment of this ordinance. Any other lighting fixture or lighting installation existing on the effective date of this ordinance that does not conform to the requirements of this ordinance shall be considered as a legal conformance.

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