

**Purpose and Intent;** The Boulder Town General plan states;

**Chapter 5-1- Vision Statement # (2):** to preserve the open space, clean air, dark skies, and quiet country-style atmosphere that our families have enjoyed for over 100 years.

**Chapter 5- 2- General Community Goals # (12):** To protect the dark skies and natural nighttime visual environment.

### **Chapter 6-5 Dark Sky**

The absence of light pollution in the night sky in and around Boulder makes it ideal for night sky viewing. Boulder is situated in one of the least light-polluted areas in the world. Boulder Town is committed to protecting its dark sky over the long-term. In the 2004 resident survey an overwhelming majority of respondents want to see conservation of the dark sky.

1. Unless specifically exempted in this section, all outdoor lighting shall use full cutoff fixtures and shall be installed so light is directed downward with no light emitted above the horizontal. Lighting must not be placed at a location, angle, or height that directs illumination outside the property boundaries where the light fixtures are located.
2. In order to qualify as a ‘full cutoff’ fixture, a light fixture must have the top and sides made of completely opaque material such that light only escapes through the bottom of the fixture. Fixtures with translucent or transparent sides, or sides with perforation or slits, do not qualify as full cutoff. Any glass or diffuser on the bottom of the fixture must be flush with the fixture (no drop lenses). Placing a light fixture under an eave, canopy, patio cover, or other similar cover without further shielding the light source to prevent horizontal light emission, does not qualify as “full cutoff”.
3. Commercial establishments shall turn off all outdoor lighting at eleven o’clock (11:00pm). Except such lighting used to illuminate the entrance to the commercial establishment and lighting to illuminate services provided after hours. Gas station canopies may be illuminated provided all light fixtures are mounted on the undersurface of the canopy and all light fixtures are full cutoff. Except for directed beam lighting, placing the fixtures on the underside of the canopy does not qualify as fully shielding the light fixture. Directed beam lighting mounted under the canopy is allowed, provided the light source cannot be seen from outside the property boundaries.
4. Streetlights are prohibited unless required by UDOT to ensure the safety of the public.
5. The installation of any mercury vapor light fixture or lamp for use as outdoor lighting is prohibited.
6. No individual outdoor light source shall have a total light output of more than one thousand (1000) lumens (65 Watts). Lumens will be restricted to no more than ten thousand (10,000) per acre.
7. Parking Lots: Spot or flood lighting of parking lots from a building or other structure is prohibited. The overall height of any light post used to illuminate parking lots in commercial zones shall not exceed fourteen feet (14’). All post mounted parking lot lights shall be set back from property lines a distance equal to two and one-half ( $2\frac{1}{2}$ ) times the height of the pole. The overall height of any light post used to illuminate parking lots in residential zones shall not exceed six feet (6’). All parking lot lighting shall use full cutoff fixtures so there is not light trespass onto adjacent properties.
8. Security lighting is permitted. Provided all the following conditions are met: The lighting is activated by motion sensors and does not stay on all night. The lighting is placed and directed

such that no direct illumination falls outside the property boundaries where the security lighting is placed.

9. No backlit signs are permitted, for further sign lighting refer to Section 1018.
10. No outdoor lighting fixture which was lawfully installed prior to the enactment of this ordinance shall be required to be removed or modified except as expressly provided herein; however, no modification or replacement shall be made to a nonconforming fixture unless the fixture thereafter conforms to the provisions of this Section.