

# Asheville Outdoor Lighting Ordinance

## Highlights of Significant Adopted Amendments -- Nov. 25, 2008

These adopted amendments update the City's 2002 initial outdoor lighting ordinance.

1. Removed from the Standards and Specifications Manual and added to the Development and Design Standards in Chapter 7, Article 11. It will eventually appear on the City's website as well.
2. Includes street lighting on public and private streets: all cobra head light fixtures will and are being replaced with full cutoff fixtures upon ballast failure:

### No longer allowed



### Required for replacements and new installs



### Full Cutoff

Decorative post mounted street lights (18 feet and lower in height) will be allowed, but non-cutoff types are no longer allowed.

### No longer allowed



### Non- Cutoff

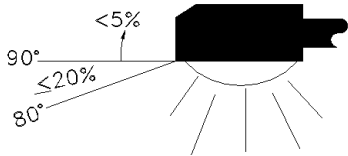
Allowed



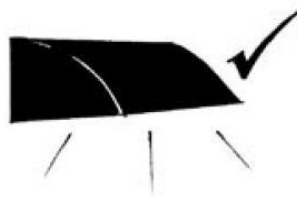
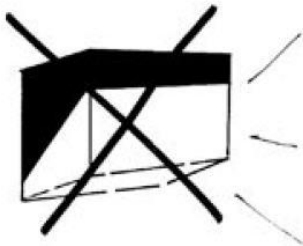
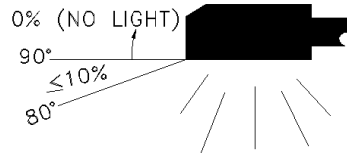
There are exceptions for downtown and historic districts.

3. All parking lot lighting and wall-mounted lights (includes wallpacks) will be required to use full cutoff fixtures.

No longer allowed



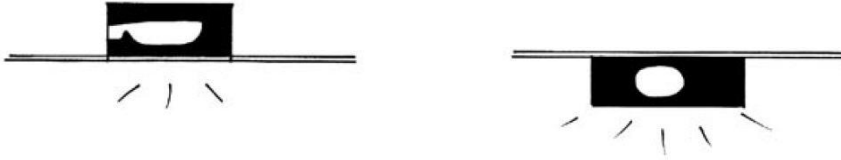
Required for replacements and new installs



You should see the effect and not the source of the light!

4. Vehicular canopy lighting must be full cutoff:

Only fully-recessed or fully-shielded allowed

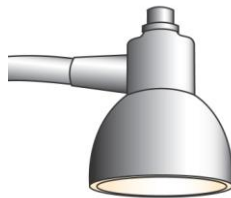


5. New installations of dusk-to-dawn security lights are no longer allowed unless they are full cutoff, even in residential neighborhoods. There is also a five year sunset clause for existing dusk-to-dawn security lights to become compliant or be removed. These lights typically produce 9,500 lumens --- the equivalent luminosity of six 100 watt incandescent bulbs. The City of Asheville receives more complaints about light trespass and glare from these fixtures than any other fixture.

No longer allowed



Required for replacements and new installs



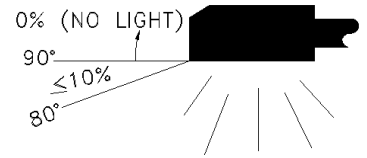
On Nov. 25, 2013 all existing dusk-to-dawn security lights must be in compliance as full cutoff fixtures or removed. This enforcement will be complaint driven. So you must contact the City with a complaint about any non-compliant lights before enforcement action will take place.

6. Site lighting may use decorative post mounted light fixtures, but they must be on posts with heights under 18 feet and they must be cutoff or full cutoff fixtures.

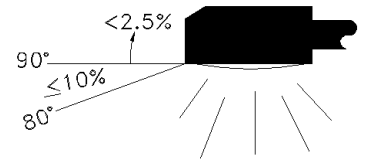
FYI:

**IESNA Cutoff Classifications**

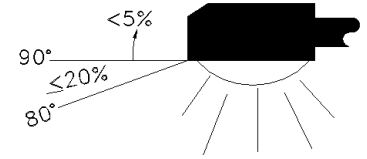
**Full Cutoff** – A luminaire light distribution where zero intensity occurs at or above an angle of 90° above nadir. Additionally the lamp lumens do not exceed 10 percent at or above a vertical angle of 80° above nadir. This applies to all lateral angles around the luminaire.



**Cutoff** – A luminaire light distribution where the lamp lumens do not exceed 2.5 percent at or above an angle of 90° above nadir, and 10 percent at or above a vertical angle 80° above nadir. This applies to all lateral angles around the luminaire.



**Semicutoff** – A luminaire light distribution where the lamp lumens do not exceed 5 percent at or above an angle of 90° above nadir, and 20 percent at or above a vertical angle 80° above nadir. This applies to all lateral angles around the luminaire.



**Noncutoff** – A luminaire light distribution where there is no candela limitation in the zone above maximum candela.

