

CABARRUS COUNTY DEVELOPMENT ORDINANCE  
APPENDIX D-OUTDOOR LIGHTING STANDARDS

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OUTDOOR LIGHTING STANDARDS

All outdoor lighting shall conform to the following standards:

Outdoor lighting shall be designed, located, and mounted at heights no greater than eighteen (18) feet above grade for non-cutoff lights, or thirty five (35) feet above grade for cutoff lights; and located a minimum of 15 feet from property lines.

All outdoor lighting shall be designed and located such that the maximum illumination shall not exceed 1.5 maintained horizontal foot-candles (FC) at the property line for cutoff lights and 0.4 for non-cutoff lights. The average intensity illumination for outdoor lighting shall not exceed 6 foot-candles in intensity as measured at grade. Fixtures should be placed to provide uniform distribution of light and to avoid intense lighting that produces excessive glare.

OUTDOOR RECREATIONAL LIGHTING

Because of the unique requirements for nighttime visibility and limited hours of operation, lighting for active recreation areas, such as for ball fields, soccer fields and tennis courts shall not be subject to the height restrictions located in this section. This type of lighting, however, is subject to the illumination standards listed above.

PHOTOMETRIC PLAN

A photometric plan shall be submitted as part of the zoning site plan review process to show that proposed site lighting meets the standards of this section.

LIGHTING AND LANDSCAPE PLAN CONSIDERATION

Project lighting should be designed to accommodate projected plant growth as required by Chapter 9, Landscape and Buffering.