

LIGHTING PLAN DESIGN CHECKLIST

DEVELOPMENT NAME:

LOCATION:

DATE:

VERSION:

A lighting plan shall be required for all non-single family residential developments of one acre or more in size. When required, the lighting plans shall consist of either isofotcandles (connecting points of equal light illumination levels, similar to a topographic contour) or a photometric grid with individual spot readings). No lighting plan shall be approved which will result in direct light that exceeds the requirements.

per Land Development Ordinance Article VII, Division 5

- All exterior lighting architecturally compatible with the building style, material, and color selections.
- Architectural and shoebox style cutoff fixtures shall be used in all parking areas as opposed to cobra type light fixtures and directional floodlights. Max 30 ft.
- Exterior lighting not directed off the site, and light source is shielded
- Decorative wall packs only at service entrances and not be used to draw attention to the building or provide general building or site lighting.
- Wall packs on the exterior of a building shall be shielded (full cut-off type bulb or light source not visible from off-site) to direct light downward and be of low wattage (100 watts or lower).
- Exterior architectural, display and decorative lighting visible from the designated corridors shall be generated from a concealed light source with low-level fixtures.
- Entrances into developments from corridors may be lighted for traffic safety reasons, provided such lighting does not exceed the applicable footcandle requirements specified below. Roof lighting and down-lighting washing the building walls are strongly discouraged.
- Fixtures should be mounted so the cone of light is not directed at any property line of the site.
- Only incandescent, fluorescent, metal halide, mercury vapor or color corrected high-pressure sodium light may be used.
- The planning commission shall not allow exceed the maximum levels, unless such levels strictly conform to the recommended levels within the IESNA Lighting Handbook.

| <i>At property lines including right-of-way</i> | <i>Minimum level</i> | <i>Average level</i> | <i>Maximum level</i> |
|---|----------------------|----------------------|----------------------|
| At property line abutting a residential use | None | - | 0.5 fc |
| At property line abutting a retail use | None | - | 1.0 fc |
| At property line abutting an office use | None | - | 1.5 fc |
| <i>Off-street parking lots</i> | <i>Minimum level</i> | <i>Average level</i> | <i>Maximum level</i> |
| Parking lots | 0.5 fc | 3.0 fc | 6.0 fc |
| Walkways and streets | 0.2 fc | 1.0 fc | 2.0 fc |
| Landscape and decorative | 0.2 fc | .50 fc | 3.0 fc |
| Pedestrian | 0.2 fc | 2.0 fc | 5.0 fc |