

LIGHTING PLAN CHECKLIST

ALL FIXTURES:

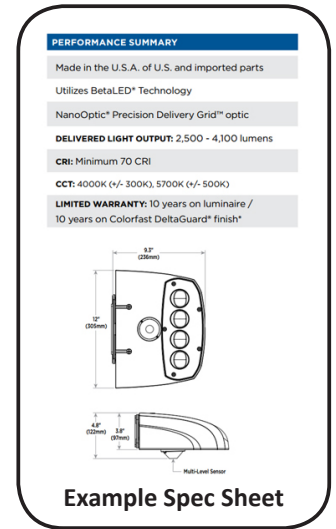
- Site plan showing location and mounted height of all exterior lights
- Fixture spec sheet with description, top and side drawing, and indication of kelvin and lumen rating. *(Graph may be accepted in lieu of photometric plan when only attached building lights proposed and fc readings and distances can be verified based on graph)*

POLE, WALL, CANOPY, STREET, DISPLAY, AND COMPLEX

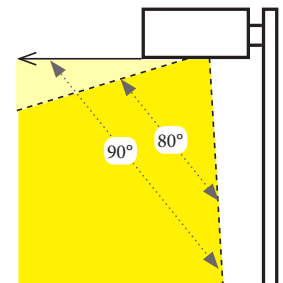
- Point-by-point footcandle Photometric plan with location and aim of light at development area and property lines
- Written statement signed and sealed by a licensed engineer, indicating compliance with lighting ordinance

INTERNAL/BACK-LIT SIGNS & STAND-ALONE WALL PACKS

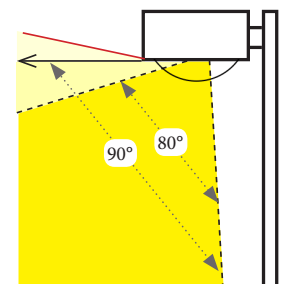
- Lighting affidavit allowed in place of photometric plan for back-lit signs
- Affidavit allowed for wall packs when there are no other types of outdoor lighting and the fixtures are a minimum of 30 feet away from all property lines



Intensity	
	0.75 Max footcandle at property line
	3.0 Max footcandle at any public street ROW
	4.5 Max Average footcandle for the developed area
	4,300 degrees Kelvin max LED rating <i>(Kelvin is color temperature)</i>
Luminaire Type	
	1,250 Max lumen rating for cutoff fixture
	>1,250 lumens must be full cutoff fixture
Outdoor Parking, Loading, and Storage	
	37 feet Max mounted height of wall and pole-lighting
	6.0 footcandle Max average light level of parking area
*See other side for less common lighting types	



Full Cut-Off



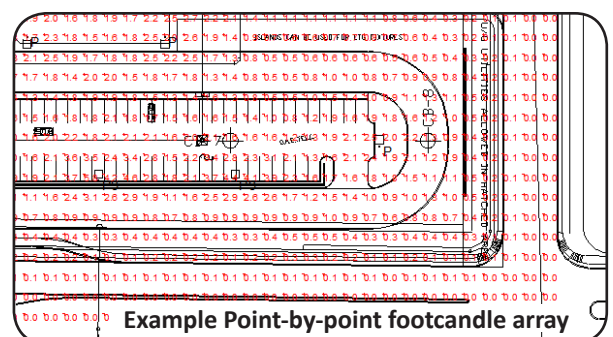
Cut-Off (Partial)

EXEMPT

- Lighting for Single Family residential use
- Lighting required by Fed/State/Local laws
- Seasonal displays with low-wattage bulbs
- Temporary lighting which does not use prohibited types

PROHIBITED

- Search, laser, or other high intensity lights *(except when temp.)*
- Up-oriented lighting
- Lighting that could be confused for traffic control devices
- Suspended string of lights with individual lamps larger than 45 lumens, except when only used for seasonal decorations



ADDITIONAL LIGHTING REQUIREMENTS

Accent and Facades	
	Accent/Facade lighting must be directed towards the face of the building
	Lights must be directed downwards towards the ground
	Lighting placed close to the building must be low watt and shielded to minimize reflection
Vehicular Canopies (Gas Stations)	
	30 footcandle max average light underneath vehicular canopies (<i>Including all light sources</i>)
	Acceptable fixtures: Fully recessed ceiling lights, or mounted full cutoff shielded fixtures
Dusk-to-dawn / Security lights	
	9,500 lumen Max rating
	25 feet Max mounted height above the lowest adjacent grade
	Full cutoff fixture required
Street lighting	
	Street lights on newly constructed streets must be alternately staggered on each side of the road
	9,500 lumen Max rating in residential areas
	50,000 lumen Max rating in commercial or industrial areas
	Full cutoff fixtures required
	Decorative post fixtures mounted 18 feet or lower may be cutoff with ZA or BOA approval
Outdoor Sales and Display areas	
	37 feet Max mounted height of all outdoor sales/display area lighting
	25 footcandle Max average light level of sale/display areas
Outdoor Sports and Performance areas	
	80 feet Max mounted height of all outdoor sports/performance lighting
	Glare control package required on all lights (louvers, shields, etc.)
	Fixtures light beam must be aimed into the primary playing/performance area
	Hours of operation of lighting system must coincide with active use periods or maintenance times of the sports/performance area
	Light level does not have to meet average light level or kelvin ratings