



LIGHTING PLAN

COMMERCIAL

A. Property & Contact Information

Date: _____ PIN (Number): _____

Permits: ZON20 _____ - _____ BLD20 _____ - _____

Applicant: _____ Telephone: (_____) _____

Email: _____

B. Required Lighting Plan Items

- 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/distances can be verified based on graph)
- As-Built drawing is required prior to CO showing the lighting plan was followed once all lights are installed

C. Pole, Wall, Canopy, Street, Display, & Complex Lighting – Additional Required Items

- Point-by-point footcandle photometric plan showing the location and aim of exterior lighting at the developed area and at property lines
- Written statement signed/sealed by a licensed engineer, indicating compliance with lighting ordinance

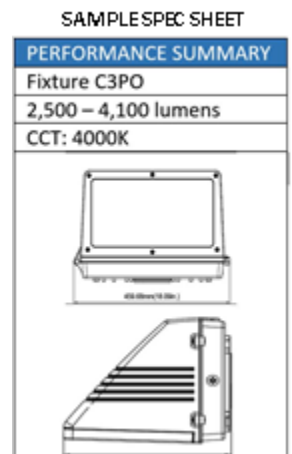
D. Internal/Back-lit signs & Stand-alone wall packs – Additional Required Items

- Lighting affidavit allowed in place of photometric plan for internally/back-lit signs
- An affidavit may be allowed with Zoning Administrator approval for certain wall packs when there are no other types of outdoor lighting on the site, and when the fixtures are a minimum of 30 feet away from all property lines. *(Examples of when an affidavit may be acceptable for wall packs: When there are a small number of fixtures; When the lights have large spacing between each fixture; When there are no residential uses adjacent to the development)*

E. Light Measurements

INTENSITY LIMITS

	Max footcandle at any property line	0.75 Max
	Max footcandle at any public street Right of Way	3.0 Max
	Max Average footcandle for the developed area	4.5 Max Avg
	LED light degrees Kelvin Rating	4,300 Max
LUMINAIRE RATING		
	Lumen rating for cutoff fixture	1,250 Max
	Lumen rating for full-cutoff fixture	>1,250 Max
OUTDOOR PARKING, LOADING, AND STORAGE LIMITS		
	Highest Mounted height of wall and pole lighting	37 feet Max
	Max average light level of parking area	6.0 fc Max



OFFICE USE: Received by: _____ Date: _____

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 fc max average light underneath vehicular canopies (<i>Including all light sources</i>)
	Canopy lights are either 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
Electronic Display Signs	
	Equipped with a Photoelectric rheostat or other device which automatically adjusts brightness based on ambient conditions
	Equipped with a method for the owner/tenant to manually dim the light if needed

EXEMPT FROM REQUIREMENTS

- 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 LIGHTING

- 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

SAMPLE PHOTOMETRIC

