

Light Schedule

A lighting calculation was done on this property to ensure we would always have over 2-foot candles throughout the parking lot for 91 Pershing. The avg foot candles for the parking lot is 2.52. In addition, it was important for us to not disrupt the abutting property. We did a calculation for the neighboring residential property, which avg Illuminance is 0 which we designed on purpose.

1.Adjustable Wall Packs

3 Adjustable wall packs would be installed around the property. These wall pack lights would be used for the left and right side of the property as well as the back. They are identified as the light pink circle on the site plan. These wall packs are only 30 Watt to ensure that it will cover the area near our property but not disrupt abutting properties. In addition, how these hybrid lights are designed is to cast a wide illumination but does not illuminate distance well. These hybrid lights are designed to have a specific cast to them not nearly as far as a flood light. These 3 lights are dark sky compliant. These lights would be pointed directly down to ensure we do not illuminate areas we do not want to disturb. In addition, we will be putting on a glare shield as an extra layer of protection.



[30W LED Outdoor Adjustable Head Wall Pack: 1456](#)

[Cutsheet: LLS-Wallpack.pdf](#)

Product Quoted: MLLG-AL-LED-WPFC2-30-50

Description: 30W Decorative LED Wall Pack Full Cut Off, 3300 lumen, 5000K, 100-277VAC, Bronze and 5 year warranty.

Glare Shield for Wall Pack and Flood Lights

Below this Glare shield will be used on all wall packs and flood lights to ensure that the illumination of the parking lot does not overflow to the neighboring property. These shields come in a variety of sizes that will fit our lights.



2. Semi Cutoff Wall Pack

This Wall pack will be installed in the front of the property. This wall pack light will illuminate the entire front of the property. How this light will be installed it will ensure the front of the property will always be illuminated. This light is dark sky compliant.



55W LED Semi-Cutoff Wall Pack: 1403

Cutsheet: [LLS-Wallpack.pdf](#)

Product Quoted: MLLG-AL-LED-WPSC-55-50

Description: 55W LED wall pack - Semi Cutoff, 7,800 lumen, 5000k, 120-277vac, bronze, dimensions: 14.25 x 9.5 x 9.35, ul listed and 5 year warranty

3. Single Mounted 20 Ft pole flood light

These 2 flood lights will be installed in the parking lot on a 20 ft pole. The light closest to the abutting residential property will be tilted in a way to ensure that no light penetration will go to the neighboring property. 90-degree tilt ensures its going straight down and will not be going to the abutting property. In addition, these lights will be dark sky compliant.



200W LED Outdoor Industrial Flood Light: 1653

Cutsheet: [LLS-Flood-Light.pdf](#)

Product Quoted: MLLG-AG-LED-IMF-200-5-60-TR

Description: 200W Industrial LED Modular Flood Light, IP65, 28,000 lumen, 5000K, 100-277VAC, Optic - 60D, 10KV surge protection, Silver, Trunnion Mount and 5yr warranty