

G4 led parking lot light



-Overview:

This Area Light is a high performance LED fixture comes with compact design and reasonable cost to allow it to fit in a great variety of applications, and for a faster return on investment..

- Application

This light can be used for outdoor applications; as a pole mounted area light with various types of distribution including Type III, Type IV, or Type V. This light can also be used as a flood light.

-Qualifications

UL Listed:E356272

Suitable for Wet Locations

-IESNA LM79 & LM-80 Testing:

LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

-DLC Qualification:

Selected models of this product are on the DesignLights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

-Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Ambient Temperature:

Suitable for up to 122° F (50° C) ambient temperature

Cold Weather Starting:

The minimum starting temperature is -4°F /-20°C

Thermal Management:

Superior thermal management with Air-Flow fins.

Housing:

Bronze or Black Aluminum

LENS

Polycarbonate

Mounting Methods:

Various Mounting Options (see page 3).

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Gaskets:

Silicon Gaskets

Finish:

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

-LED Characteristics**Lifespan:**

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Multi-chip, high-output, long-life LEDs Color

Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Temp:

3000 K(Warm white), 4000 K (Natural white), 5000 K(Daylight) and 5700K

Uniformity:

Range of CCT follows the guidelines of the American National Standards for the Specifications for the Chromaticity of Solid State Lighting (SSL) Products ,ANCI c78.377.2011

Color Rendering Index:

>70

-Electrial

Drivers:

100-277V, 50-60Hz,

Power Factor > 0.9

THD<15%

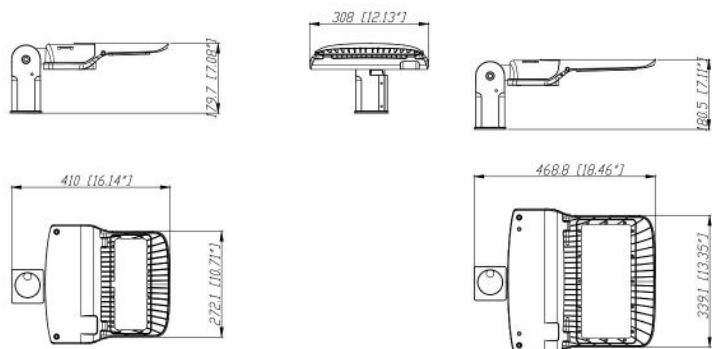
0-10 V Dimmable and HV of 480V optional

-Ordering Matrix

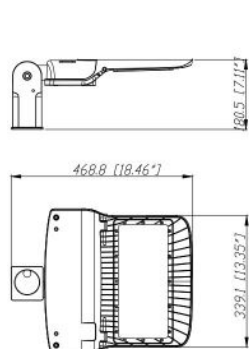
Model	Wattage	Lumens			G.W	Carton size
		3000K	4000K	5000K		
YR-PLQ507-W030	30W	3450	3750	3900	10 LBS	22in*14in*5in
YR-PLQ507-W050	50W	5750	6250	6500	10 LBS	22in*14in*5in
YR-PLQ507-W075	75W	8625	9375	9750	10 LBS	22in*14in*5in
YR-PLQ565-W100	100W	11500	12500	13000	14 LBS	25in*16in*5in
YR-PLQ565-W150	150W	17250	18750	19500	14 LBS	25in*16in*5in
YR-PLQ785-W200	200W	23000	25000	26000	23 LBS	33in*16in*6in
YR-PLQ785-W240	240W	27600	30000	31200	23 LBS	33in*16in*6in
YR-PLQ785-W300	300W	34500	37500	39000	25 LBS	33in*16in*6in

-Dimensions

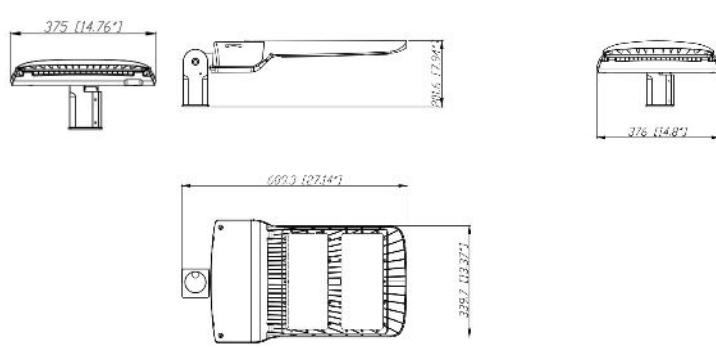
30W/50W/75W



100W/150W



200W/240W/300W



Lens Ordering Matrix

Lens

Distribution

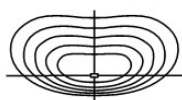
T5

T3 = Type III (90°X 140°)
T4 = Type IV (100° X 140°)
T5 = Type V (120°)
60 = *Flood (60°)
30 = *Flood (30°)

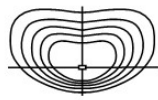
*Flood Light Lens contain a Type V lighting distribution;
typically used in applications with low mounting heights.
30° and 60° are only available for
100W 150W 200W 240W 300W

LENS QUANTITY PER FIXTURE

QTY: 1 for 30W / 50W / 75W / 100W / 150W
QTY: 2 for 200W / 240W / 300W



TYPE III



TYPE IV



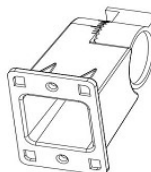
TYPE V

Mounting Options



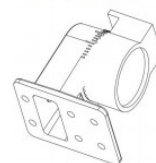
Slipfitter Mount

Arm Mount
(for a round pole)



Arm Mount
(for a square pole)

Wall Mount



-Additions

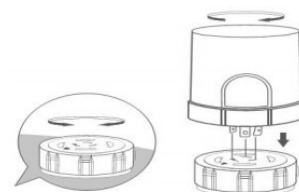
Surge Protector (Optional)



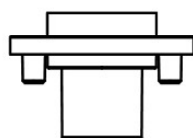
The SPD prevents downtime,
improves reliability, and eliminates
possible damage to luminaires.
This the surge protector option for
the luminaire has the maximum
discharge current of 10,000A, and
nominal discharge current of 3,000 A.

Photocell Assembly (Optional)

It is a Standard Three-Prong Twist Lock
Photocell which is installed on the top of the
Fixtures. Once the photocell is installed, the area light
will automatically turn on and off, dusk to dawn.



Microwave Motion Sensor (Optional)



This motion sensor allows extra energy savings without compromising convenience. With its signature 3-step dimming function, it is perfect for use in areas that require a light change notice before optionally switching off the light. Daylight (on/off) sensor is integrated for maximum energy saving.

Hold Time adjustable:
5s / 1min / 5min / 10min / 15min / 20min / 30min / 1h

Stand-by period adjustable:
1min / 30min / 1h / infinity

Daylight (ambient light threshold) adjustable:
10lux / 30lux / 50lux / 100lux / 150lux / 200lux / 300lux / **Disable**

Stand-by dimming level adjustable:
0% / 20% / 30% / 50%