

LED SHOE BOX



-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 , 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 IESNALM-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 ,ANSI c78.377.2011

Color Rendering Index:

>70

-Electrial

Drivers:

100-277V, 50-60Hz,

Power Factor > 0.9

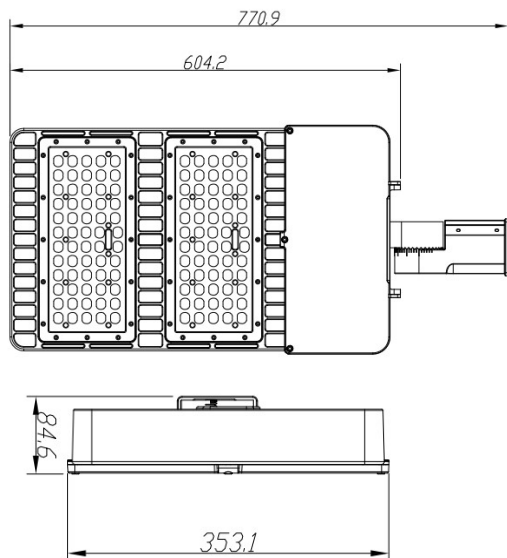
THD<15%

0-10 V Dimmable and HV of 480V optional

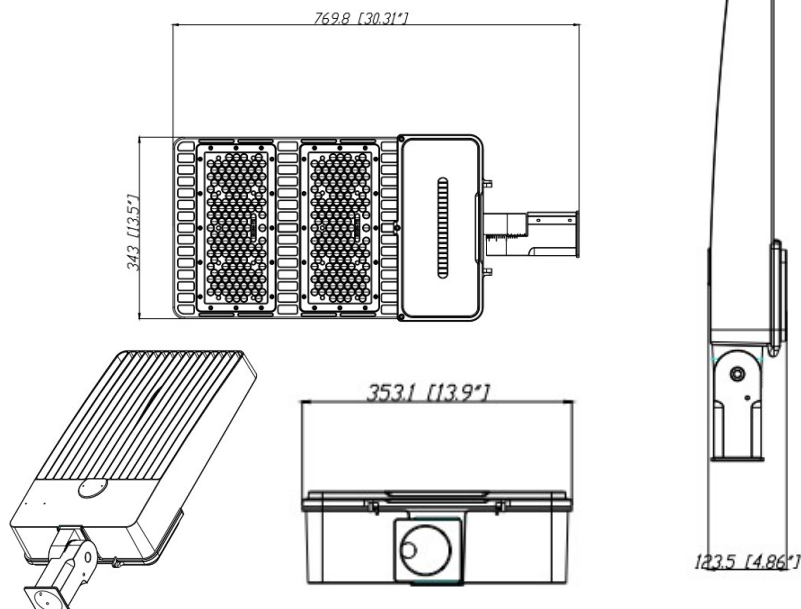
-Ordering Matrix

Model	Wattage	Lumens			G.W	Carton size
		3000K	4000K	5000K		
YR-PL670-5050-W400	400W	50000	54000	56000	27LBS	23in*16in*5in
YR-PL670D-3535-W500	500W	62500	67500	70000	41LBS	33in*16in*8in
YR-PL670D-5050-W600	600W	75000	81000	84000	44LBS	33in*16in*8in

400W

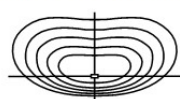


500W / 600W

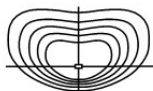


-Accessories

Lens Ordering Matrix



TYPE III



TYPE IV



TYPE V

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.

LENS QUANTITY PER FIXTURE

QTY: 2 for 400W / 500W / 600w

Mounting Options



Slipfitter Mount

Arm Mount
(for a round pole)



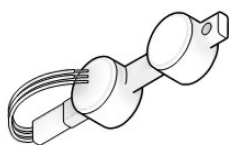
Arm Mount
(for a square pole)

Flood Mount



-Additions

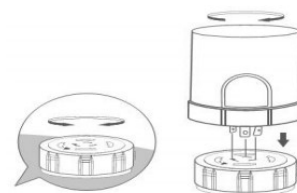
Surge Protector (Optional)



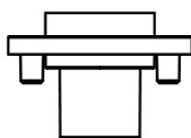
The SPD prevents downtime, improves reliability, and eliminates possible damage to luminaires. This surge protector option for the luminaire has the maximum discharge current of 10,000A, and nominal discharge current of 3,000 A.

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%

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