



Shenzhen Youth Green Lighting Technology Co.,LTD.

Email: sales01@youthgreenled.com; Web: www.youthgreenled.com



## Product Catalog

# ALL-IN-ONE Power & CCT Tunable LED Wall Pack

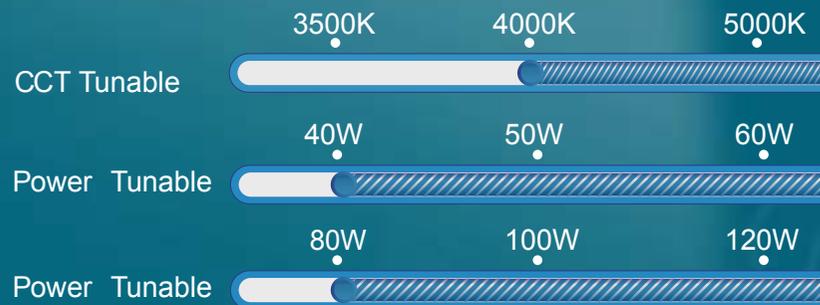
5 years warranty

140-150 LM/W



IP65

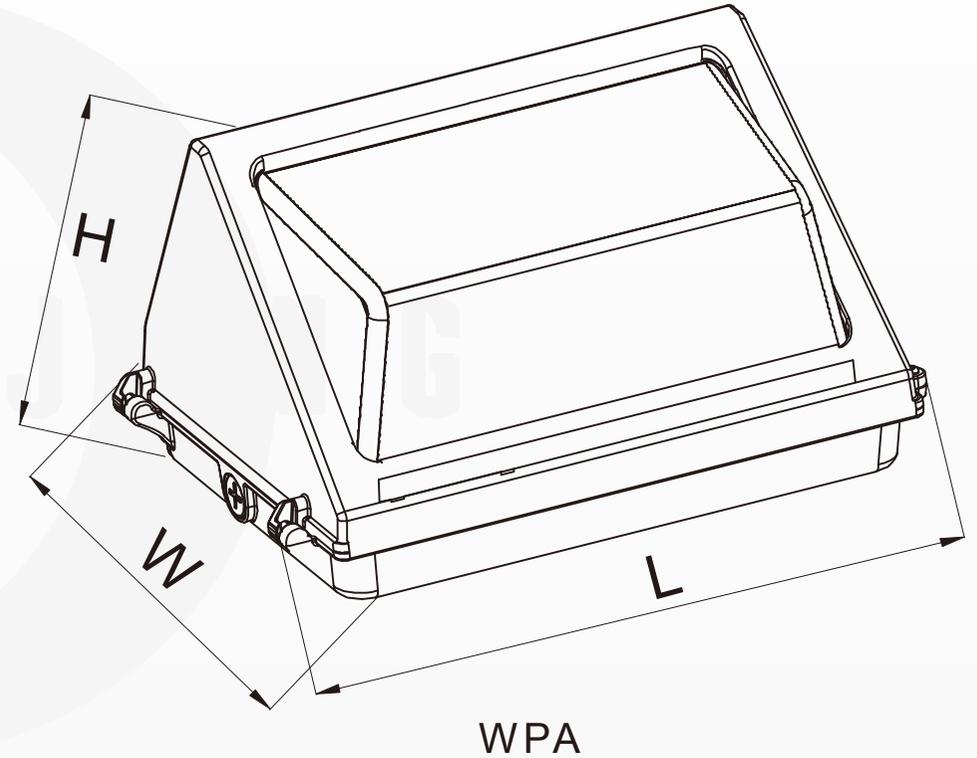
Infrared Sensor, Daylight Sensor



## Product Description

Super Bright LED 2835SMD, CRI>70
Lumen Output: 140-150LM/W
120-277Vac & 50-60HZ
-40°F-113°F(-40°C to 45°C)
PF≥0.9
5 Years Warranty
UL(E508912)

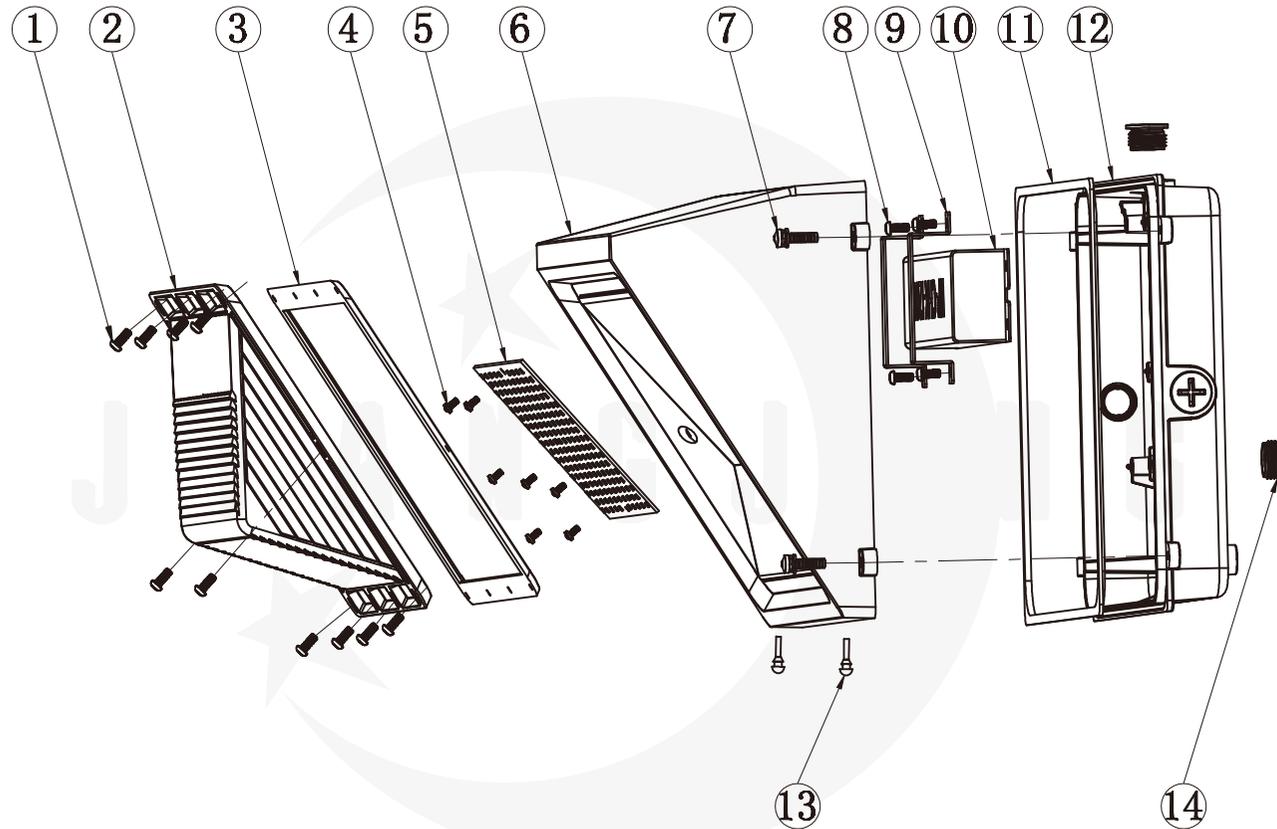
## Product Dimensions



WPA

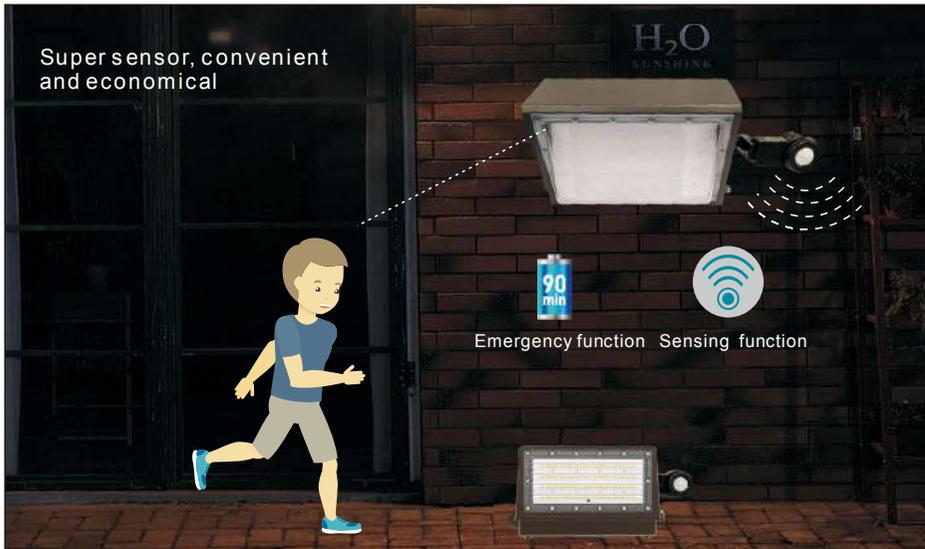
40-50-60W	L14.21*W9.29* H7.6inch
80-100-120W	

# Product Structures



- 1: Screws to fix the Glass/PC cover
- 2: Glass/PC cover
- 3: Glass/PC cover waterproof ring
- 4: Screws to fix the PCB
- 5: LED components
- 6: Main body
- 7: Screws to fix the main body and bottom case
- 8: Screws to fix the LED driver
- 9: LED driver bracket
- 10: LED driver
- 11: Bottom shell waterproof ring
- 12: Bottom shell
- 13: Leakage hole silicone plug
- 14: 1/2 dental plug

# Product Features



## JJ LED Wall Pack VS Other Factories

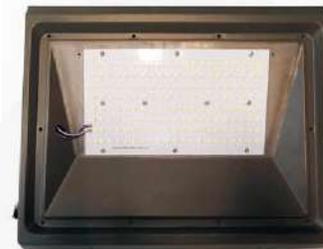


UV Resistance  
no discoloration



No UV Resistance  
Cover turns yellow Easily

Excellent heat dissipation



Integral Heat sink

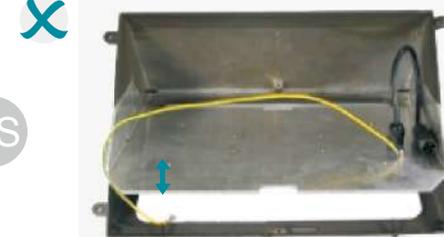
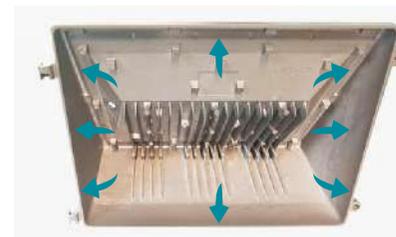
LEDs PCB is attached on Integral Die-Casting aluminum Heating sink. Dissipation area is large and fast heat dissipation for long lifespan



Bad heat dissipation

Separate Heat sink

LEDs PCB is attached on one plate which is fixed to lamp body, heat is difficult to dissipate away because of small contact area, short lifespan.



# Applications

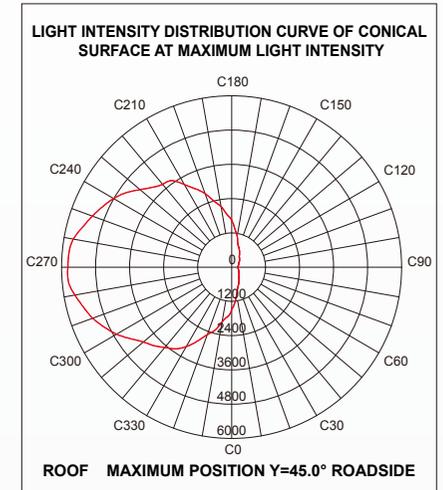
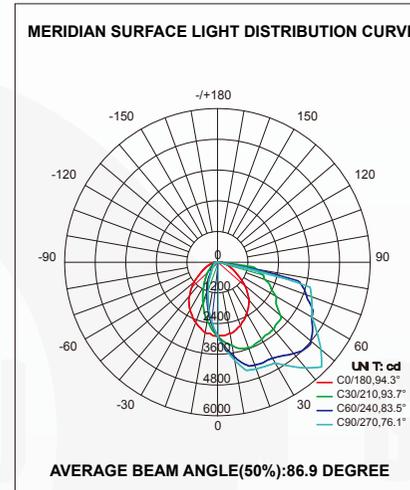
Perfect for wet location, especially on the wall of house, villa, parking lot, garden, etc

- Entrance lighting, courtyard lighting
- Industrial lighting, outdoor landscape lighting
- Building, hotel, house, villa, parking lot, garden, etc



# Photometric Test Report

WPA-100W



## Ordering information



WPA

Model No.	Watts (W)	Input Voltage	Efficacy	CCT (K)	Size (Inch)	N.W(lbs)
YG018WPXX-3C-DM	40-50-60	120-277Vac	140-150LM/W	3500	14.21*9.29*7.6	6.92
	80-100-120			4000		9.17
				5000		

PS: EEE=

CDM	CCT & Watts Tunable function
CDS	CCT & Watts Tunable + Sensing function

CC=3500-5000K



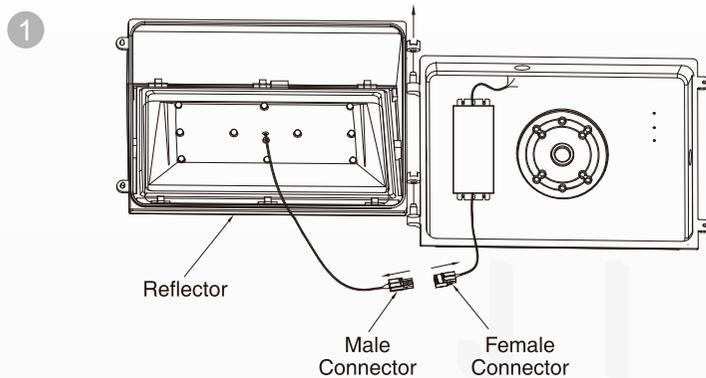
## Packaging Information

Model.No	Watts (W)	N.W (lbs)	Carton Size (Inch)	QTY/ctn (pcs)	G. W (lbs)	Qty loaded by 20GP	Qty loaded by 40GP	Qty loaded by 40HQ
YG018WP XX-3C-DM	40-50-60	6.92	15.16*11.42*9.84	1	8.07	1080 pcs	2232 pcs	2480 pcs
	80-100-120	9.17			10.32			

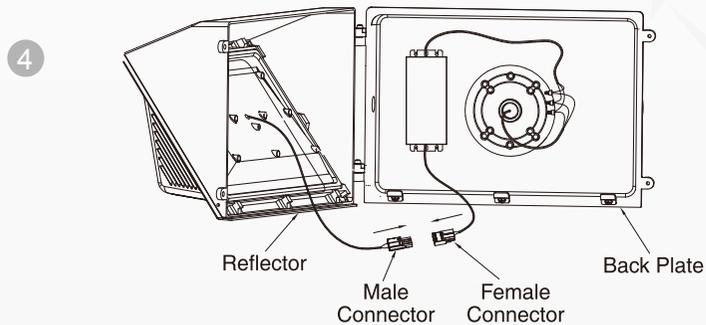
# Installation Instructions

Note: Add a bead of exterior grade silicone sealant around the perimeter of the wall pack on the wall to inhibit any moisture from attachment bolts.

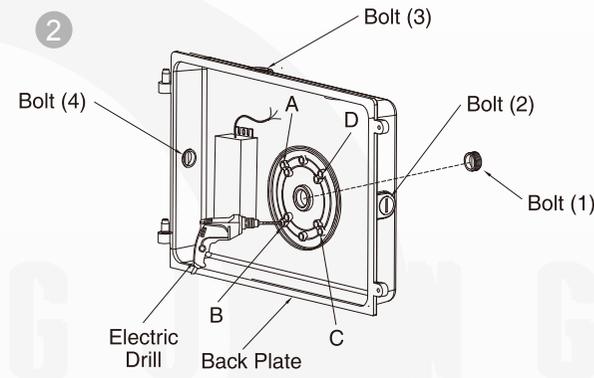
## Junction Box Mounting:



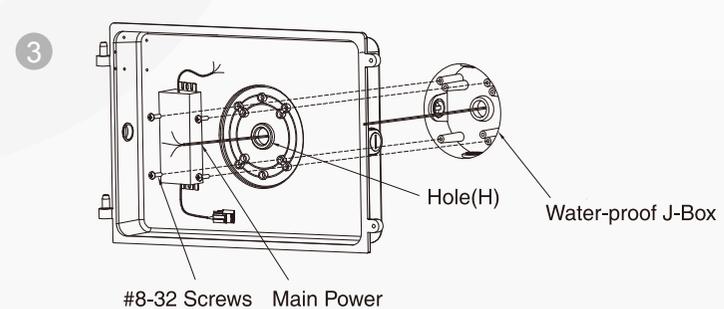
1. Unscrew the screws on the right side using a suitable screwdriver. Separate the male and female connectors, then remove the reflector from the back plate.



4. Use the hinge to lock the reflector to the back plate firmly, then connect the main power. Black wiring to L, White to N, Green to G (see diagram above.) Next, connect the male and female connectors together. Finally, use a suitable screwdriver to connect the reflector to the back plate.



2. Create four 0.2inch holes by knocking-out the four points indicated in A/B/C/D. Unscrew Bolt(1) from the bottom center. (Note: the other three Bolts (2)/(3)/(4) can be unscrewed depending on your requirements during the wiring process.)

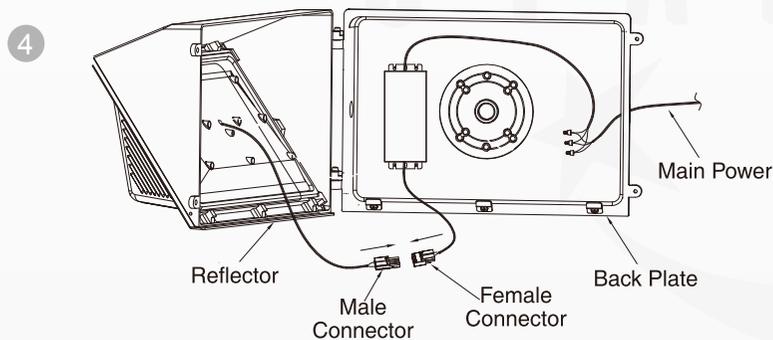


3. Run the main power wire from the water-proof J-box through the hole(H), then lock the back plate to the water-proof J-box using four #8-32 screws.

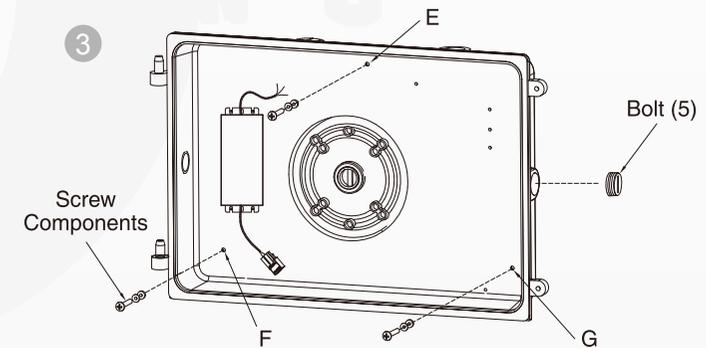
# Installation Instructions

## Conduit Mounting:

1. Unscrew the screws on the right side using a suitable screwdriver. Separate the male and female connectors, then remove the reflector from the back plate.
2. Unscrew the right-side Bolt(5). Open the three 0.26inch holes in E/F/G by a suitable drill, and then fasten the back plate to the wall with the three screw components. (Make sure the open holes-E/F/G are waterproof)



4. Use the hinge to lock the reflector to the back plate firmly. Next, connect the male and female connectors together. Finally, use a suitable screwdriver to connect the reflector to the back plate.



3. Run the main power through the right hole and then finish the wiring (Black wire - L, White wire - N, Green wire - G).

# Installation Instructions

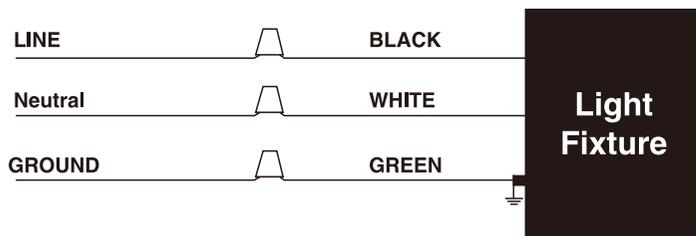
## General Wiring Diagram

**Note:** 1 to 4 demonstrate 4 different internal wiring diagrams; If the Wall pack has an internal emergency driver please use the second installation instructions for installation.

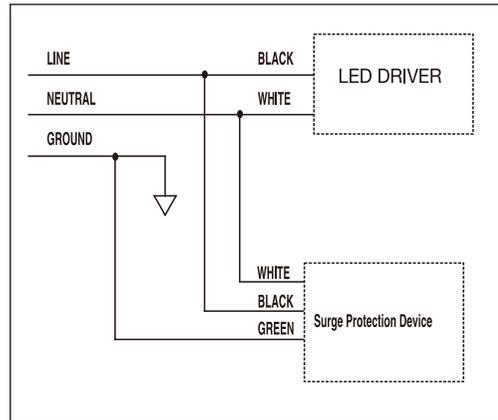
**CAUTION:** Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Connecting panels to AC source supply:  
All units must be individually connected to the AC supply.

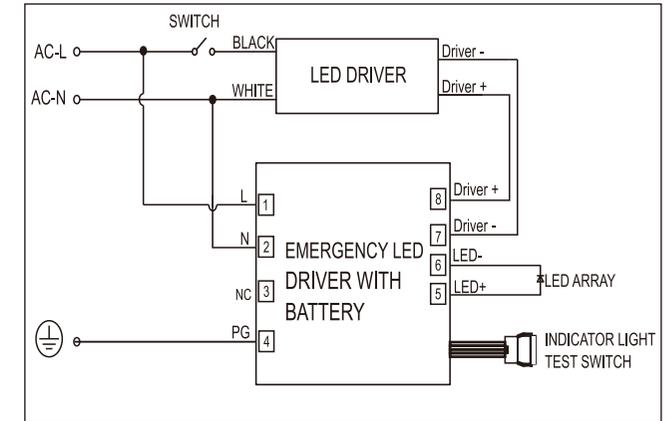
Black = Line  
White = Neutral  
Green = Ground



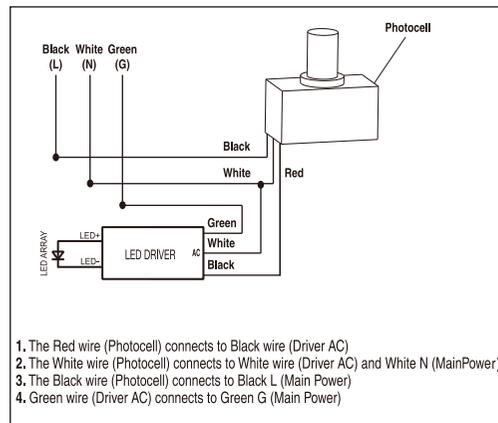
**1: 277/480Vac Diagram**



**2:Emergency Battery Backup Wiring Diagram ( only for WPC Series )**



**3:Photocell Diagram**



**4: Microwave sensor wiring Diagram**

