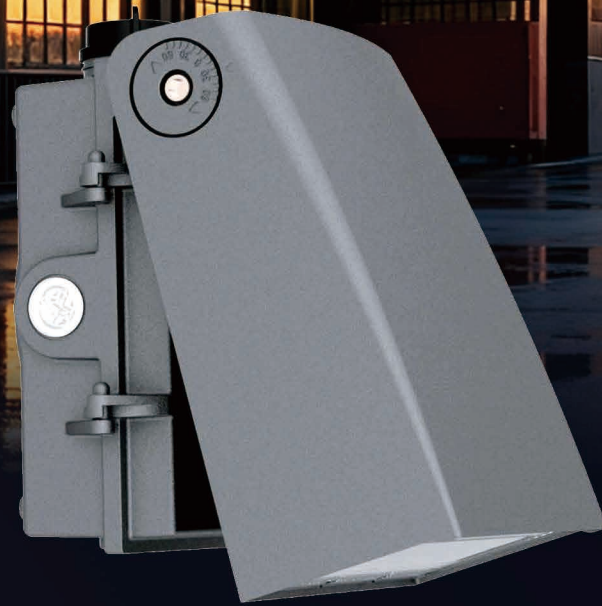




WPA SERIES

ADJUSTABLE WALL PACK

INTRODUCTION

The FGE-WPA Series Adjustable Wall Pack is a versatile outdoor lighting fixture designed for building facades, walkways, loading areas, and security perimeters. Featuring an adjustable housing that tilts up to 90°, it allows precise light direction and flexible installation for a variety of architectural and functional needs.

Equipped with high-efficacy LED chips and specialized optical lenses, the WPA delivers up to 130 lm/W of bright, uniform illumination while minimizing glare and light spill. Its die-cast aluminum body provides excellent heat dissipation, corrosion resistance, and long-lasting durability, with IP65 & IK08 protection ratings ensuring reliable performance in harsh outdoor environments.

The WPA Series supports 0-10V dimming, photocell, and motion sensor options, enabling intelligent and energy-efficient lighting control. With a 100,000-hour lifetime and 5/7/10-year warranty, it offers a durable, high-performance, and low-maintenance solution for modern outdoor lighting applications.



FEATURES



Wattage Selectable: Multi-wattage options in a single fixture for flexible applications and reduced inventory.



Easy Installation and Maintenance: Reduce installation time and maintenance labor, effectively lowering overall operational costs.



CCT Tunable: Adjustable color temperature to suit diverse environments.



Dusk to Dawn Sensor: Automatically turns lights on at dusk and off at dawn for energy savings, convenience, and extended lifespan.



High Efficacy & Energy Saving: Up to 130 lm/W, reducing energy consumption by over 60% compared with HID fixtures.



Reliable Warranty: 5 / 7 / 10 Years Warranty Options.



Smart Control Ready: Compatible with 0-10V/DALI dimming, optional microwave/infrared sensor, and emergency kit.

- Robust Protection:

IP65 waterproof & dustproof, IK08 impact resistance for harsh industrial environments.

- Full-lamp Uniform Illumination:

Optically designed PC cover, almost no dark macula, which makes the whole lamp emit light.

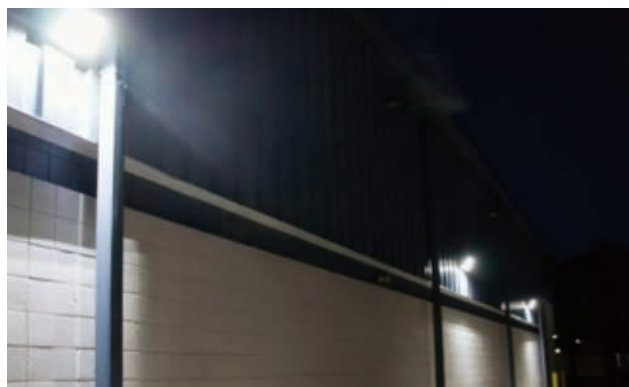
- Wide Input Voltage:

AC120-277V / AC120-347V / AC277-480V, suitable for global power grids.

APPLICATIONS



Loading Docks & Shipping Bays: High-lumen LED wall packs provide intense, focused lighting for nighttime loading/unloading operations, critical for safety when handling cargo and complying with workplace safety regulations.



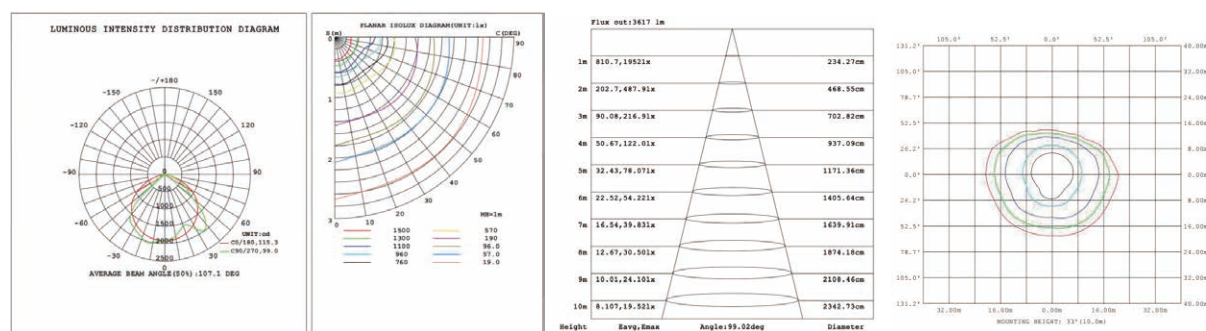
Walk Way: Illuminating exterior walkways, parking spaces, and delivery zones, reducing theft, vandalism, and accidents.

TECHNICAL PARAMETERS

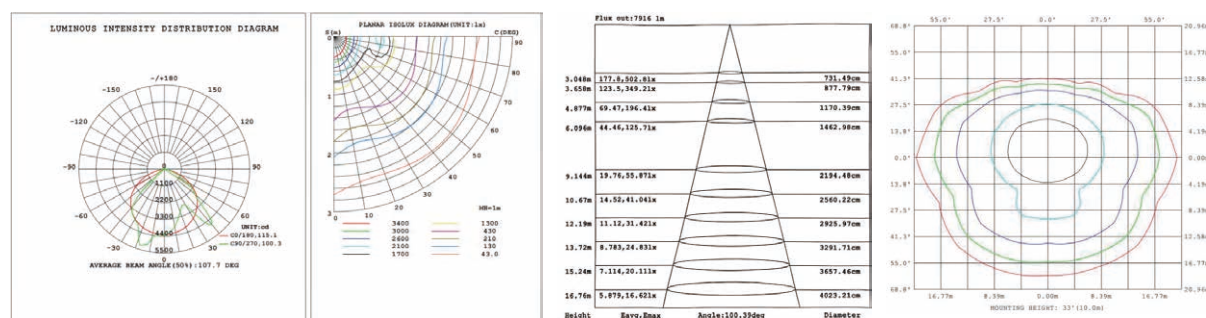
Product Model	WPA-40W	WPA-80W	WPA-120W
Electrical Performance			
Wattage Selectable	40W/30W/20W	80W/60W/40W	120W/100W/80W
Input Voltage	AC120-277V/120-347V/277-480V	AC120-277V/120-347V/277-480V	AC120-277V/120-347V/277-480V
Frequency	50/60Hz	50/60Hz	50/60Hz
Power Factor (PF)	>0.9	>0.9	>0.9
Surge Protection	4KV	4KV	4KV
THD	<20%	<20%	<20%
Optical Performance			
Luminous Efficacy	130lm/W	130lm/W	130lm/W
Luminous Flux	5200lm/3900lm/2600lm	10400lm/7800lm/5200lm	15600lm/13000lm/10400lm
CCT Selectable	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K
CRI	Ra>70	Ra>70	Ra>70
Beam Angle	110°	110°	110°
Unified Glare Rating (UGR)	-	-	-
Reliability			
Lifetime	>50,000h	>50,000h	>50,000h
Operating Temperature	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C
Storage Temperature	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C
Ingress Protection	IP65	IP65	IP65
Impact Resistance	IK08	IK08	IK08
Control			
Dimming	0-10V	0-10V	0-10V
Sensor	Built-in Photocell	Built-in Photocell	Built-in Photocell
Communication Protocol	-	-	-
Emergency Kit	-	-	-
Mechanical			
Housing Material	Aluminum	Aluminum	Aluminum
Lens Material	PC	PC	PC
Coating	Bronze	Bronze	Bronze
Net Weight	1.4kg	2.1kg	2.6kg
Dimensions	165x134x197.2mm	216x151x235.4mm	267x164x272.5mm
Warranty	5/7/10 Years	5/7/10 Years	5/7/10 Years

PHOTOMETRICS

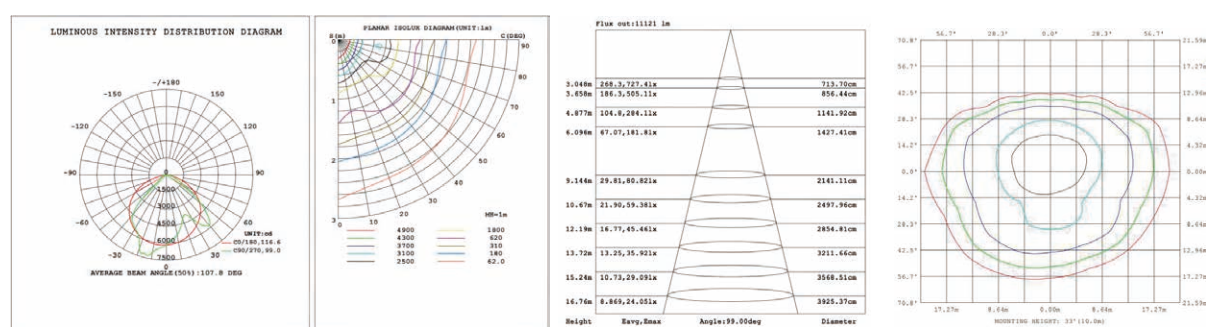
40W-5000K



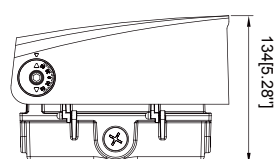
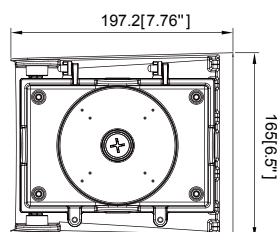
80W-5000K



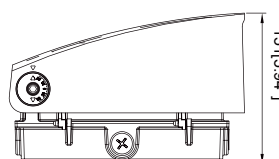
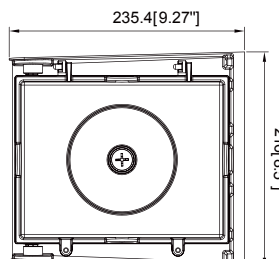
120W-5000K



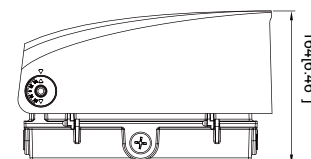
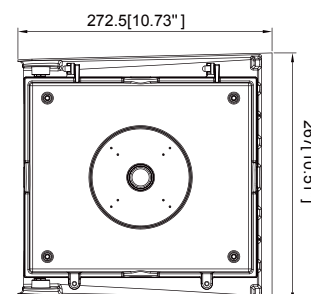
MECHANICAL DIMENSIONS



40W/30W/20W



80W/60W/40W

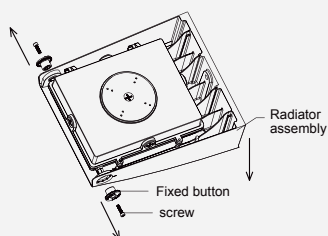


120W/100W/80W

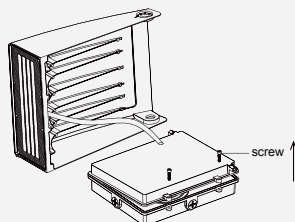
Product Model	WPA-40W	WPA-80W	WPA-120W
Wattage Selectable	40W/30W/20W	80W/60W/40W	120W/100W/80W
Outer box (L*W*H)	210x177x49mm (8.27"x6.97"x5.87")	247x288x169mm (9.72"x11.34"x6.65")	285x279x179mm (11.22"x10.98"x7.05")
Q'ty/Ctn	1pc	1pc	1pc
N.W./Ctn	1.4kg/3.09lbs	2.1kg/4.63lbs	2.6kg/5.73lbs
G.W./Ctn	1.7kg/3.75lbs	2.4kg/5.29lbs	3kg/6.61lbs
Remarks	-	-	-

INSTALLATION

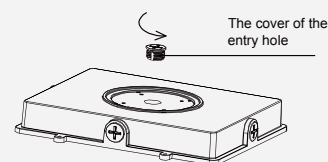
1. Use a screwdriver to remove the screw and the fixing knob and remove the heat sink assembly.



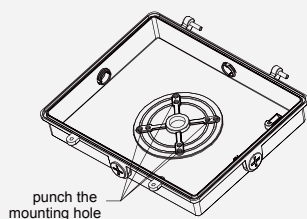
2. Use a screwdriver to remove the screw and remove the outer casing.



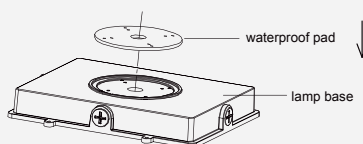
3. Unscrew the cover of the entry hole on the lamp base and remove the cover.



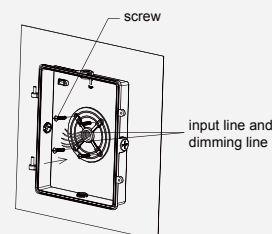
4. According to the embedded terminal box, punch the corresponding mounting hole on the light's mount.



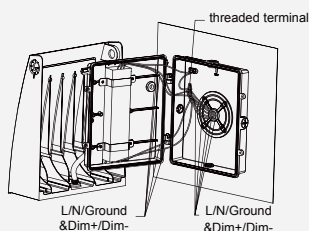
5. Tear off the adhesive paper of the waterproof pad and stick the waterproof pad to the lamp base.



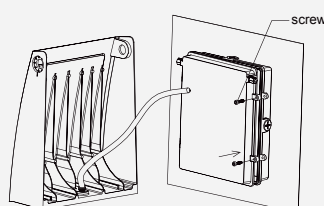
6. Put the input line and dimming line (if not, please ignore) from the embedded junction box through the lamp base and then screw the lamp base to the embedded junction box.



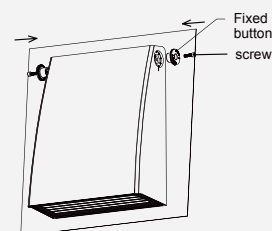
7. Install the upper half of the fixture on the lamp base, then use the threaded terminal to connect L/N/ ground wire, dim+/dim- (if not, please ignore) separately, and then plug the threaded terminals into the embedded junction box, adjust the switch to the required color temperature.



8. Screw the case with a screwdriver.



9. Install the heat sink assembly and tighten the screws and fixing knob with a screwdriver to complete the installation.



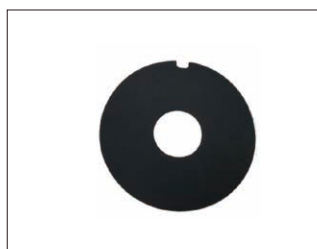
ACCESSORIES



4 Pcs Screws



5 PCS Vire Nuts



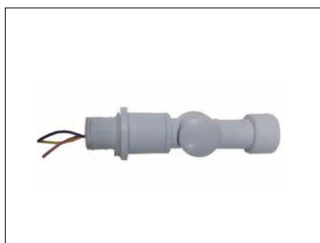
1 Pcs foam



Photosensor



ANT-5-4T ANT-6-4T



ANT-5-16B-3 (Customize)

ORDER INFORMATION

WPA-YY-YY-Y

① ② ③ ④ ⑤ ⑥

① WPA Series Adjustable Wall Pack

② Wattage

40W	40W/30W/20W
80W	80W/60W/40W
120W	120W/100W/80W

③ Color Temperature

50K	3000K/4000K/5000K Selectable (Default: 5000K)
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④ Voltage

(Blank)	120-277V
M	120-347V
H	277-480V

⑤ Dimmable

D	0-10V Dimming
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⑥ Control

(Blank)	Photocell
A	PIR Sensor
B	MS Sensor
C	BRT Sensor
D	PHB Sensor



WARRANTY PERIOD
5/7/10 YEARS
WARRANTY OPTIONS



WARRANTY COVERAGE
**LED LIGHT SOURCE,
DRIVER**



AFTER-SALES
SERVICE COMMITMENT
24H RESPONSE



AFTER-SALES
SERVICE COMMITMENT
72H RESOLUTION/REPLACEMENT