



WPF SERIES

FULL CUT-OFF WALL PACK

INTRODUCTION

The FGE-WPF Series Full Cut-off Wall Pack is designed for building exteriors, walkways, parking lots, and security lighting, providing precise light control and exceptional energy efficiency. With its full cut-off optical design, it delivers up to 140 lm/W of bright, uniform illumination while completely eliminating upward light spill, ensuring compliance with dark-sky friendly standards.

Equipped with high-efficacy LED chips and precision optical lenses, the WPF Series provides glare-free lighting that enhances safety and visibility. The robust die-cast aluminum housing ensures excellent heat dissipation and corrosion resistance, with IP65 & IK08 protection ratings for reliable long-term outdoor performance.

Supporting 0-10V dimming, photocell, and motion sensor options, it enables intelligent energy management and easy integration into smart lighting systems. With a 100,000-hour lifetime and 5/7/10-year warranty, the WPF Full Cut-off Wall Pack delivers a sustainable, low-maintenance lighting solution for modern commercial and industrial environments.



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 140 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.



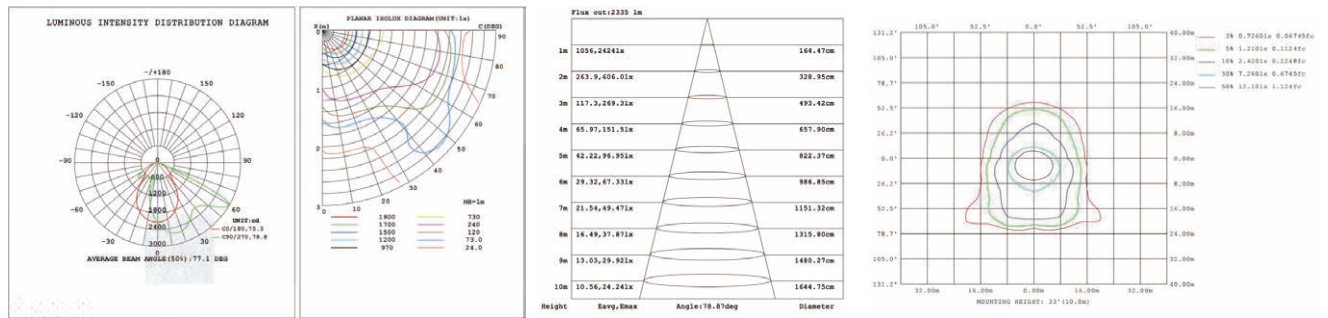
Exteriors Wall Mount Security Light: Illuminating exterior walkways, parking spaces, and delivery zones, reducing theft, vandalism, and accidents.

TECHNICAL PARAMETERS

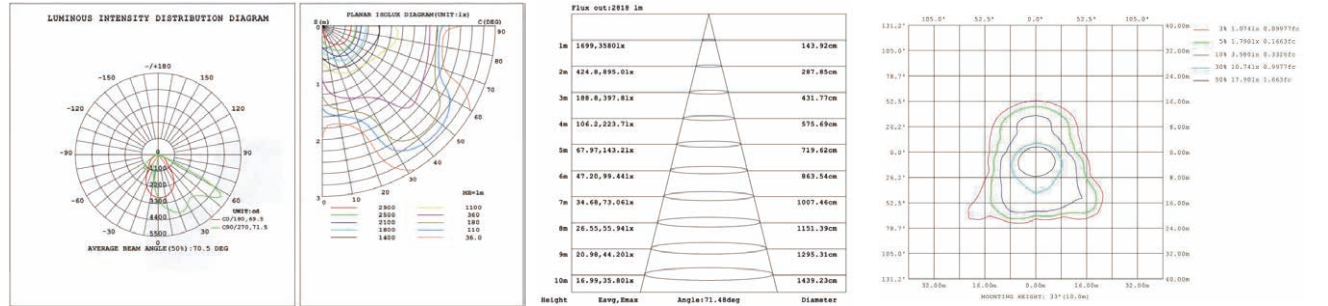
Product Model	WPF-40W	WPF-60W	WPF-80W	WPF-100W	WPF-120W
Electrical Performance					
Wattage Selectable	40W/30W/20W	60W/40W/30W	80W/60W/40W	100W/80W/60W	120W/100W/80W
Input Voltage	AC120-277V/120-347V/277-480V				
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor (PF)	>0.9	>0.9	>0.9	>0.9	>0.9
Surge Protection	4KV	4KV	4KV	4KV	4KV
THD	<20%	<20%	<20%	<20%	<20%
Optical Performance					
Luminous Efficacy	140lm/W	140lm/W	140lm/W	140lm/W	140lm/W
Luminous Flux	5600lm/4200lm/2800lm	8400lm/5600lm/4200lm	11200lm/8400lm/5600lm	14000lm/11200lm/8400lm	14400lm/14000lm/11200lm
CCT Selectable	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K	3000K/4000K/5000K
CRI	Ra>70	Ra>70	Ra>70	Ra>70	Ra>70
Beam Angle	70°	70°	70°	70°	70°
Unified Glare Rating (UGR)	-	-	-	-	-
Reliability					
Lifetime	>50,000h	>50,000h	>50,000h	>50,000h	>50,000h
Operating Temperature	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C	-40 ~ +45°C
Storage Temperature	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C	-40 ~ +70°C
Ingress Protection	IP65	IP65	IP65	IP65	IP65
Impact Resistance	IK08	IK08	IK08	IK08	IK08
Control					
Dimming	0-10V	0-10V	0-10V	0-10V	0-10V
Sensor	Built-in Photocell	Built-in Photocell	Built-in Photocell	Built-in Photocell	Built-in Photocell
Communication Protocol	-	-	-	-	-
Emergency Kit	-	-	-	-	-
Mechanical					
Housing Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Lens Material	PC	PC	PC	PC	PC
Coating	Bronze	Bronze	Bronze	Bronze	Bronze
Net Weight	2.55kg	2.55kg	2.65kg	2.65kg	2.65kg
Dimensions	361.6x235.5x187.4mm	361.6x235.5x187.4mm	361.6x235.5x187.4mm	361.6x235.5x187.4mm	361.6x235.5x187.4mm
Warranty	5/7/10 Years	5/7/10 Years	5/7/10 Years	5/7/10 Years	5/7/10 Years

PHOTOMETRICS

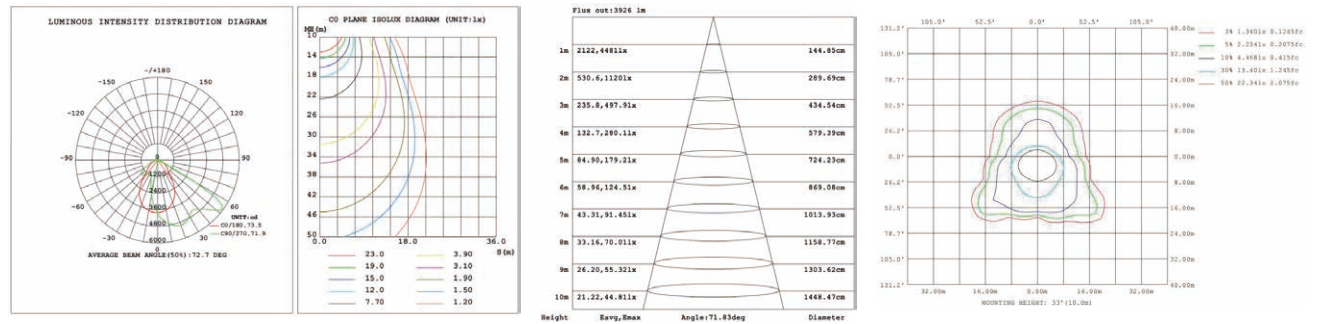
40W-5000K



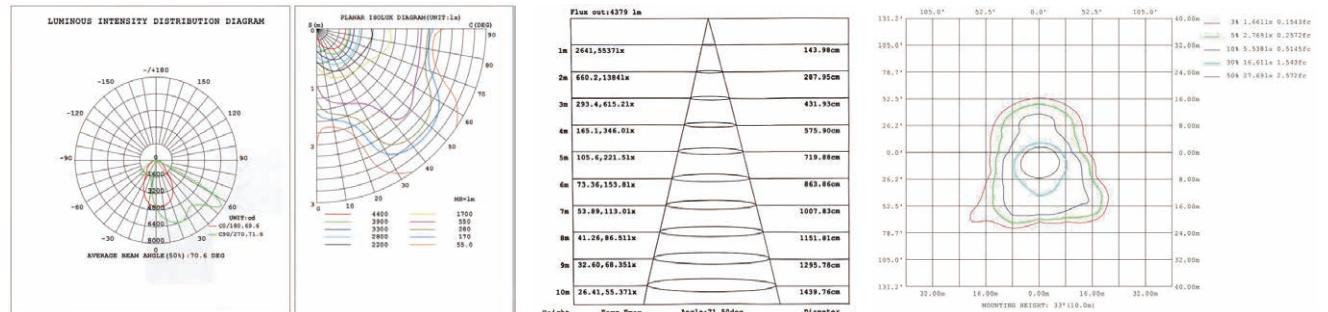
60W-5000K



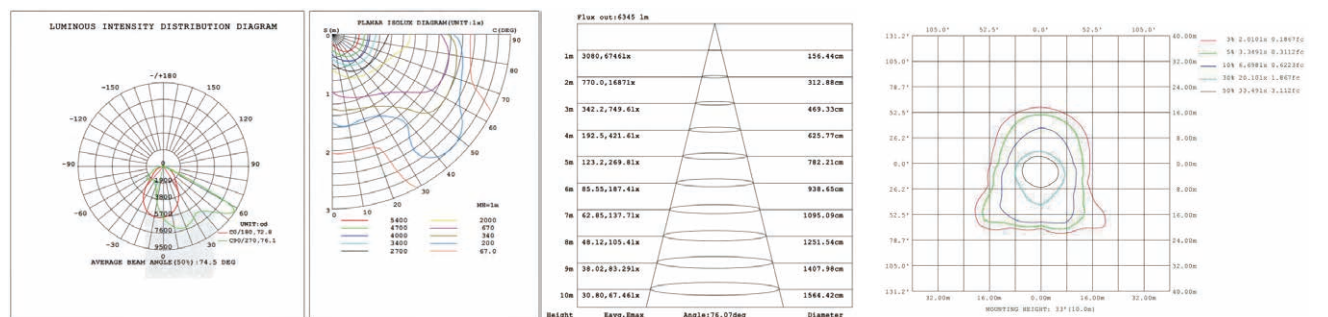
80W-5000K



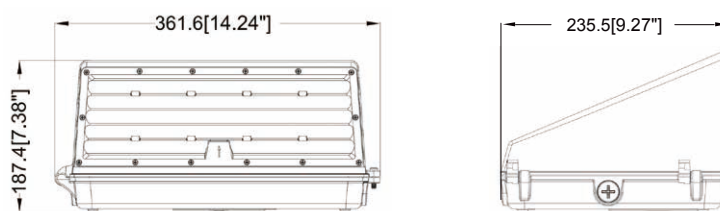
100W-5000K



120W-5000K



MECHANICAL DIMENSIONS

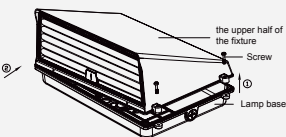


40W 60W 80W 100W 120W

Product Model	WPF-40W	WPF-60W	WPF-80W	WPF-100W	WPF-120W
Wattage Selectable	40W/30W/20W	60W/40W/30W	80W/60W/40W	100W/80W/60W	120W/100W/80W
Outer box (L*W*H)	395x270x239mm (15.55"x10.63"x9.41")	395x270x239mm (15.55"x10.63"x9.41")	395x270x239mm (15.55"x10.63"x9.41")	395x270x239mm (15.55"x10.63"x9.41")	395x270x239mm (15.55"x10.63"x9.41")
Q'ty/Ctn	1pc	1pc	1pc	1pc	1pc
N.W./Ctn	2.55kg/5.62lbs	2.55kg/5.62lbs	2.65kg/5.84lbs	2.65kg/5.84lbs	2.65kg/5.84lbs
G.W./Ctn	3.15kg/6.94lbs	3.15kg/6.94lbs	3.15kg/6.94lbs	3.15kg/6.94lbs	3.15kg/6.94lbs
Remarks	-	-	-	-	-

INSTALLATION

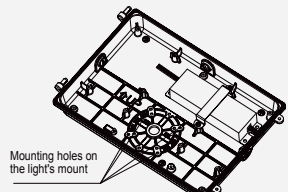
1. Use a screwdriver to unscrew the lamp screws and remove the upper half of the fixture.



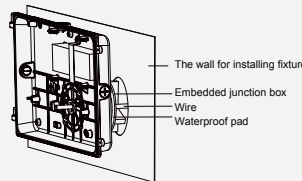
2. Unscrew the cover of the entry hole on the lamp base and remove the cover.



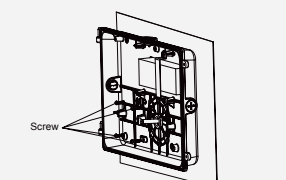
3. According to the embedded terminal box, punch the corresponding mounting hole on the light's mount.



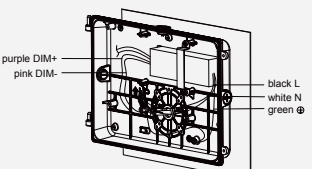
4. Put the input line in the embedded box passes through the waterproof pad and then passed through the lamp base.



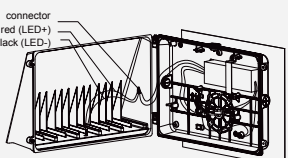
5. Use screw to lock the lamp base on the embedded junction box.



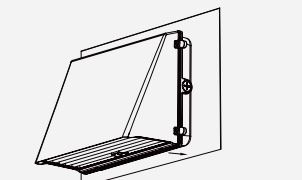
6. Connect the input wire and the dimming wire of the light, then put the connected wires into the embedded terminal box.



7. Connect the output wires of driver with the wires of PCB board.



8. Use screws to lock the fixture. Installation completed.



ACCESSORIES



4 Pcs Screws



5 PCS Wire Nuts



1 Pcs foam



Photosensor



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



ANT-5-16B-3 (Customize)

ORDER INFORMATION

WPF-YY-YY-Y

① ② ③ ④ ⑤ ⑥

① WPF Series Full Cut-off Wall Pack

② Wattage

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