



WPT SERIES

SEMI CUT-OFF WALL PACK

INTRODUCTION

The FGE-WPT Series Semi Cut-off Wall Pack is designed for building exteriors, walkways, parking areas, and perimeter lighting, offering reliable performance and energy efficiency for outdoor applications. Equipped with high-efficacy LED chips and precision optical lenses, it delivers up to 140 lm/W of bright, uniform illumination while reducing glare and light spill.

Its semi cut-off design provides controlled light distribution, improving visibility and minimizing light pollution. The die-cast aluminum housing ensures excellent heat dissipation, corrosion resistance, and durability, with IP65 & IK06 protection ratings for long-term outdoor reliability.

The WPT Series supports photocell and motion sensor options for smart energy savings, along with 0-10V dimming capability. With a 100,000-hour lifetime and 5/7/10-year warranty, it provides a dependable, low-maintenance lighting solution ideal for commercial and industrial building facades.



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, IK06 impact resistance for harsh industrial environments.

- Superior Thermal Management:

Die-cast aluminum housing with optimized heat sink for reliable performance.

- Wide Input Voltage:

AC120-277V, suitable for global power grids.

APPLICATIONS



Warehouse 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.



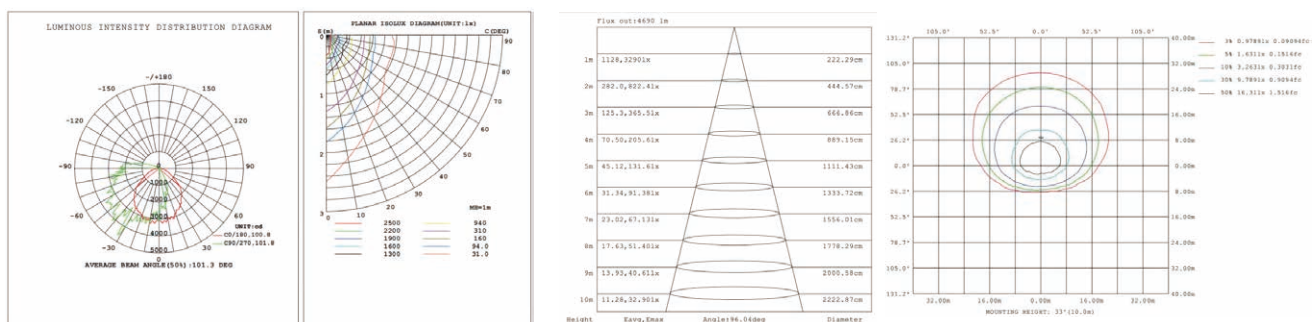
Factory Exteriors: Illuminating exterior walkways, parking spaces, and delivery zones, reducing theft, vandalism, and accidents.

TECHNICAL PARAMETERS

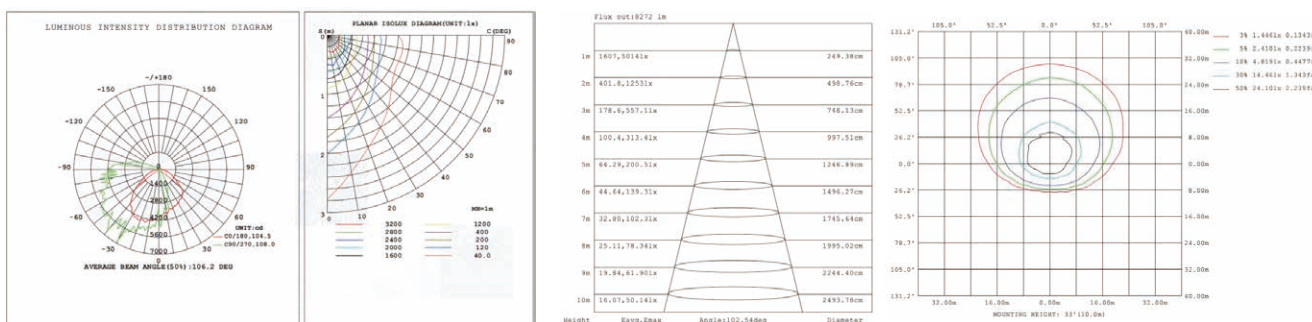
Product Model	WPT-80W	WPT-120W
Electrical Performance		
Wattage Selectable	80W/60W/40W	120W/100W/90W
Input Voltage	AC120-277V	AC120-277V
Frequency	50/60Hz	50/60Hz
Power Factor (PF)	>0.9	>0.9
Surge Protection	6KV	6KV
THD	<20%	<20%
Optical Performance		
Luminous Efficacy	140lm/W	140lm/W
Luminous Flux	11200lm/8400lm/5600lm	16800lm/14000lm/12600lm
CCT Selectable	3000K/4000K/5000K	3000K/4000K/5000K
CRI	Ra>70	Ra>70
Beam Angle	100°	100°
Unified Glare Rating (UGR)	-	-
Reliability		
Lifetime	>50,000h	>50,000h
Operating Temperature	-40 ~ +45°C	-40 ~ +45°C
Storage Temperature	-40 ~ +70°C	-40 ~ +70°C
Ingress Protection	IP65	IP65
Impact Resistance	IK06	IK06
Control		
Dimming	0-10V	0-10V
Sensor	Built-in Photocell	Built-in Photocell
Communication Protocol	-	-
Emergency Kit	No	No
Mechanical		
Housing Material	Aluminum	Aluminum
Lens Material	Glass	Glass
Coating	Bronze	Bronze
Net Weight	4.1kg	4.52kg
Dimensions	360.8x235.5x185.7mm	360.8x235.5x185.7mm
Warranty	5/7/10 Years	5/7/10 Years

PHOTOMETRICS

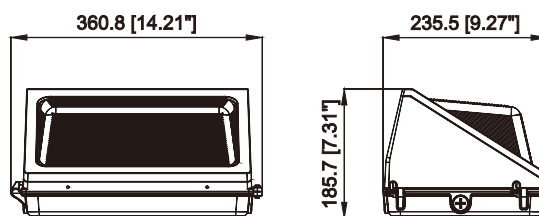
80W-5000K



120W-5000K



MECHANICAL DIMENSIONS

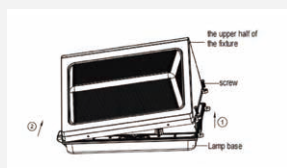


80W 120W

Product Model	WPT-80W	WPT-120W
Wattage Selectable	80W/60W/40W	120W/100W/90W
Outer box (L*W*H)	370x246x208mm (14.56"x9.69"x8.19")	370x246x208mm (14.56"x9.69"x8.19")
Q'ty/Ctn	1pc	1pc
N.W./Ctn	4.10kg/9.04lbs	4.52kg/9.96lbs
G.W./Ctn	4.69kg/10.34lbs	5.11kg/11.27lbs
Remarks	-	-

INSTALLATION

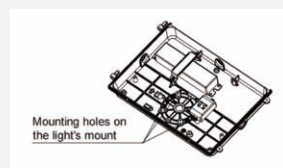
1. Use a screw driver to unscrew the lamp screws and remove the upper half of the fixture.



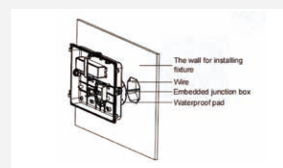
2. Unscrew the cover of the entry hole on the lamp base and remove the cover.



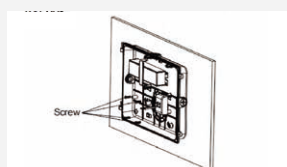
3. According to the embedded terminal box, punch the corresponding mounting hole on the light's mount.



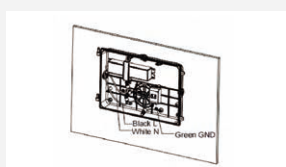
4. Put the input line in the embedded box passes through the waterproof pad and then passed through the lamp base.



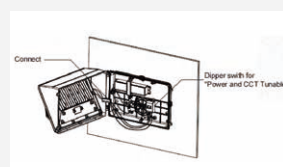
5. Use screw to lock the lamp base on the embedded junction box.



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. Please use "Dipper Switch", to achieve "Power and CCT Tunable" function.



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



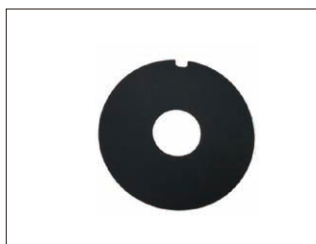
ACCESSORIES



4 Pcs Screws



5 PCS Wire Nuts



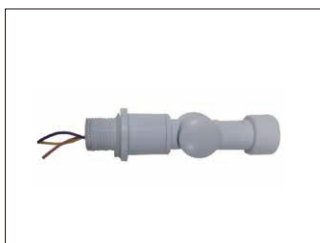
1 Pcs foam



Photosensor



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



ANT-5-16B-3 (Customize)

ORDER INFORMATION

WPT-YY-YY-YY

① ② ③ ④ ⑤ ⑥ ⑦

① WPT Series Semi Cut-off Wall Pack

② Wattage

80W	80W/60W/40W
120W	120W/100W/90W

③ Color Temperature

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

(Blank)	120-277V
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⑤ Dimmable

D	0-10V Dimming
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⑥ Control

(Blank)	Photocell
S	Sensor Socket
C	Control Module



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