

Semi Cutoff Wallpack LED Light

Date: Location:

Product: Project:

Quantity: Catalog#



FEATURES

- Built-in dusk-to-dawn photocell
- Three quick mount clips allow quick install and maintenance.
- Die-casting aluminum with advanced glass or PC optics lense.
- 50,000hours life time.

SUITABLE APPLICATIONS

- Warehouses
- Stadiums
- Factories
- Parking Lots
- Shopping Malls
- Supermarkets
- Logistic Centers
- Auto dealerships

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with bronze powder-coated finish.

ELECTRICAL:

Available as 120-277V input. -25°C to 45°C,

OPTICAL SYSTEM:

High brightness lumileds LED chips. High quality PC/Glass lens optics. 120° beam angle.

INSTALLATION&MOUNTING:

Wall mounting with 3 quick mount clips backside for easy install.

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

CONTROLS&DIMMING

0-10V dimming comes standard. Photocell is included.

PERFORMANCE

Model NO	Photocell Control	Wattage	Voltage/CurrentInput			Light Efficiency	Kelvin Options
			120V	277V	480V		
LS-WP41W-XXK	3fcON/ 13fc OFF	41W	0.34A	0.14A	0.34A	130LM/W	3000K/4000K/5000K
LS-WP60W-XXK	3fc ON/ 13fc OFF	60W	0.50A	0. 21A	0.50A	130LM/W	3000K/4000K/5000K
LS-WP80W-XXK	3fc ON 13fc OFF	80W	0.66A	0.28A	0.66A	130LM/W	3000K/4000K/5000K
LS-WP100W-XXK	3fc ON 13fc OFF	100W	0.83A	0.36A	0.83A	130LM/W	3000K/4000K/5000K
LS-WP120W-XXK	3fc ON 13fc OFF	120W	0.99A	0.43A	0.99A	130LM/W	3000K/4000K/5000K
LS-WP150W-XXK	3fc ON 13fc OFF	150W	1. 25A	0. 54A	1. 25A	130LM/W	3000K/4000K/5000K

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Photocell Control



Close Photocell cap, light is in the operation of power ON/OFF



Open Photocell cap, Start Photocell control function

PRODUCT ORDERING GUIDE

LS-WP40W-50K

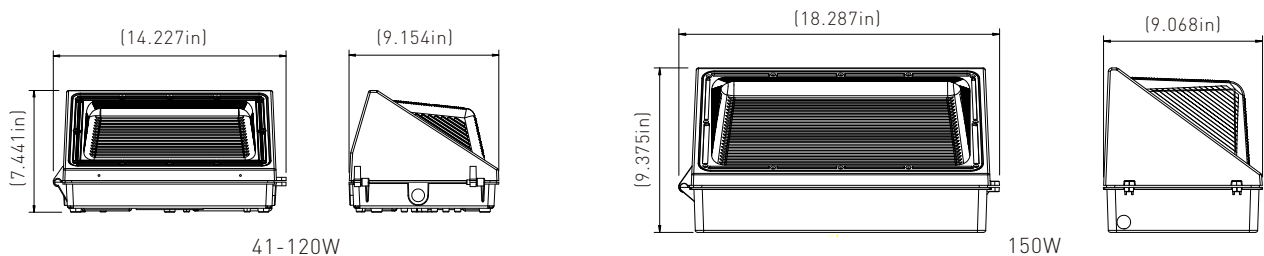
1 2 3 4
 LS - WP 40W - 50K

- WP WALLPACK
- 40W Power 40W 60W Power 60W
- 80W Power 80W 100W Power 100W
- 120W Power 120W 150W Power 150W
- 30K CCT:3000K
- 40K CCT:4000K
- 50K CCT:5000K

Electric Characteristic

Specification/Model	LS-WP41W-XXK	LS-WP60W-XXK	LS-WP80W-XXK	LS-WP100W-XXK	LS-WP120W-XXK	LS-WP150W-XXK
LED Driver	UL listed ZHIHE Brand 0-10V					
Input power	41W	60W	80W	100W	120W	150W
Lumens output	5330LM	7800LM	10400LM	13000W	15600W	19500W
Efficiency	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W
CRI	>72	>72	>72	>72	>72	>72
Color Temperature	5000K	5000K	5000K	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	120D	120D	120D	120D	120D	120D
Working temperature	-25+45°C	-25+45°C	-25+45°C	-25+45°C	-25+45°C	-25+45°C
Junction temperature	<75°C	<75°C	<75°C	<75°C	<75°C	<75°C
lamps efficiency	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%
Certificate	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC	ETL CETL DLC
Equivalent	70-100W MH/HPS	100-150W MH/HPS	150-175W MH/HPS	175-200W MH/HPS	200-250W MH/HPS	250-400W MH/HPS

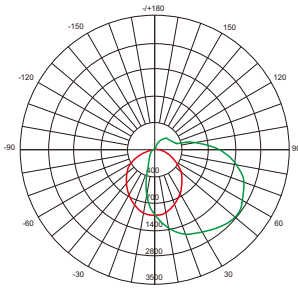
DIMENSION



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DISTRIBUTION DIAGRAM

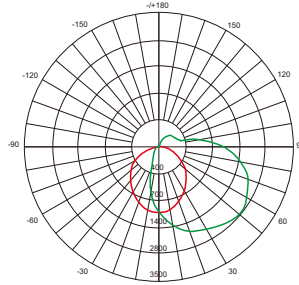
LS-WP41W-50K



AVERAGE BEAM ANGLE[50%]: 113.3°

UNIT:CD
 Test Number:LS-WP41W-50K C0/180,113.7
 Lumens:5330LM C30/210,100.1
 Test Number:41W C60/240,108.6
 Test Number:5000K C90/270,130.9

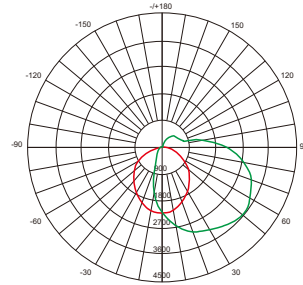
LS-WP60W-50K



AVERAGE BEAM ANGLE[50%]: 113.3°

UNIT:CD
 Test Number:LS-WP60W-50K C0/180,113.7
 Lumens:7800LM C30/210,100.1
 Test Number:60W C60/240,108.6
 Test Number:5000K C90/270,130.9

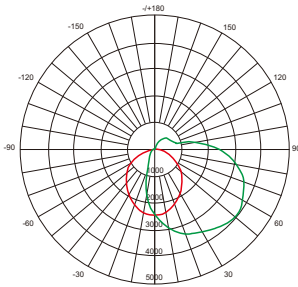
LS-WP80W-50K



AVERAGE BEAM ANGLE[50%]: 119.2°

UNIT:CD
 Test Number:LS-WP80W-50K C0/180,115.4
 Lumens:10400LM C30/210,121.0
 Test Number:80W C60/240,108.4
 Test Number:5000K C90/270,132.1

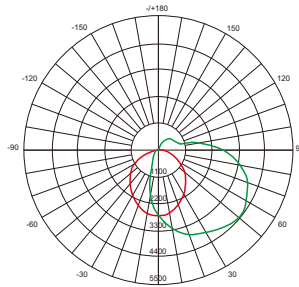
LS-WP100W-50K



AVERAGE BEAM ANGLE[50%]: 120.9°

UNIT:CD
 Test Number:LS-WP100W-50K C0/180,120.1
 Lumens:13000LM C30/210,120.9
 Test Number:100W C60/240,111.3
 Test Number:5000K C90/270,131.4

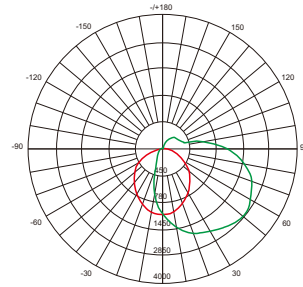
LS-WP120W-50K



AVERAGE BEAM ANGLE[50%]: 109.7°

UNIT:CD
 Test Number:LS-WP120W-50K C0/180,104.2
 Lumens:15600LM C30/210,109.6
 Test Number:120W C60/240,116.8
 Test Number:5000K C90/270,108.3

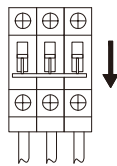
LS-WP150W-50K



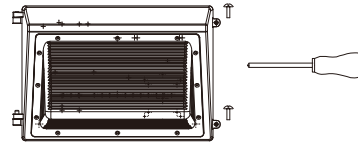
AVERAGE BEAM ANGLE[50%]: 115.8°

UNIT:CD
 Test Number:LS-WP150W-50K C0/180,115.5
 Lumens:19500LM C30/210,102.3
 Test Number:150W C60/240,109.8
 Test Number:5000K C90/270,140.6

Installation Instructions

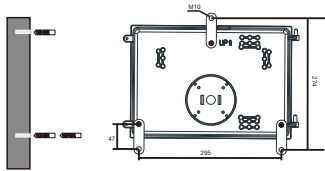


Step 1: Turn off the power before installation

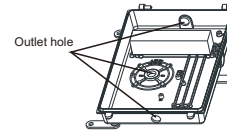


Step 2: Remove the upper cover from fixture by dismounting 2 screws.

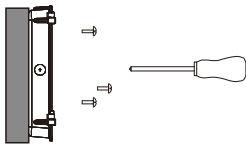
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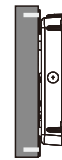
Step3: Mounting hole size punching



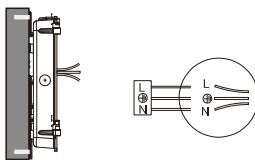
Step4: After fixing the wire hole, install the water connection connector.



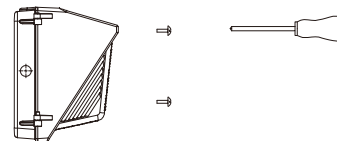
Step 5: Install the base plate on the wall by fixing 3 screws



Step6: Put the cables from the wall through the hole of base plate



Step 7: Connect the cables according to drawing



Step 8: Put back the upper cover on the base plate and fixing two screws

Tip: If you choose the default outlet, you can install it directly without opening the cover