LED SION

Watts Select Full CutOff LED WallPack

FEATURES

- Built in Watts Selector and photocell options
- Architecture design, Easy installation.
- Wet location rated IP65.
- Durable die-cast aluminum housing.
- Photocell and motion sensor options.
- UV-resistant polycarbonate refractor lens.
- Emergency power 4W & operating time 1.5 hours.
- TypeII / TypeIII / TypeIV distribution optics standard

SUITABLE APPLICATIONS

- Warehouses
- Factories
- Shopping Malls
- Supermarkets
- Logistic Centers

CONSTRUCTION:
Heavy die-cast aluminum alloy housing with bronze powder-coated finish. High light transmittance PC lens.

OPTICAL SYSTEM:
High brightness Lumileds 3030LED chips. Full Cutoff illumination

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

ELECTRICAL:
Available as 120-347V input. -30°C to 45°C

INSTALLATION&MOUNTING:
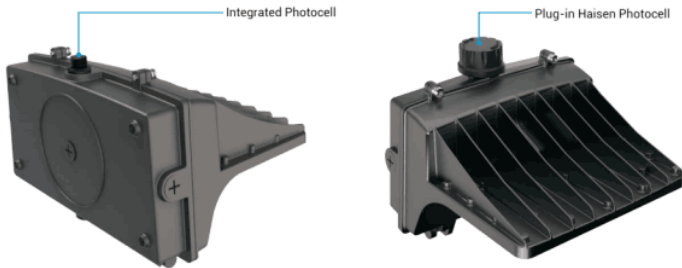Wall Mounting with install accessories for easy installation.

CONTROLS&DIMMING
0-10V dimming comes standard. Photocell is included.

PERFORMANCE

Sku model no	Adjustable power	Emergency Duration	Voltage/CurrentInput			Microwave Motion SensorEffective	Kelvin Options
			120V	277V	347V		
2FWP80W-120V-50K	20W	1.5H	0.16A	0.07A	0.05A	40FT	3000K/4000K/5000K
	40W	1.5H	0.33A	0. 14A	0.11A	40FT	3000K/4000K/5000K
	60W	1.5H	0.50A	0.21A	0.17A	40FT	3000K/4000K/5000K
	80W	1.5H	0.62A	0.28A	0.23A	40FT	3000K/4000K/5000K
2FWP100W-120V-50K	60W	1.5H	0.50A	0.21A	0.17A	40FT	3000K/4000K/5000K
	80W	1.5H	0.62A	0. 28A	0.23A	40FT	3000K/4000K/5000K
	100W	1.5H	0.83 A	0. 36A	0.28A	40FT	3000K/4000K/5000K
	120W	1.5H	0.83 A	0. 36A	0.28A	40FT	3000K/4000K/5000K

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Features

Integrated Photocell

Plug-in Haisen Photocell

PRODUCT ORDERING GUIDE

2FWP80W-120V-50K
1 2 3 4

| 2FWP | – | 80W | 120V | – | 50K |

☑ 2	Generation II		
☑ FWP	Full Cut-Off Wall Pack		
☑ 30W Power 30W	☐ 40W Power 40W
☐ 60W Power 60W	☐ 80W Power 80W
☐ 100W Power 100W	☐ 120W Power 120W
☐ 30K CCT:3000K	☐ 40K CCT:4000K
☑ 50K CCT:5000K	

⏩ Electric Characteristic

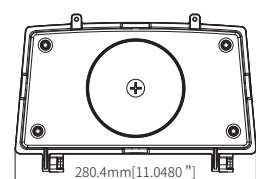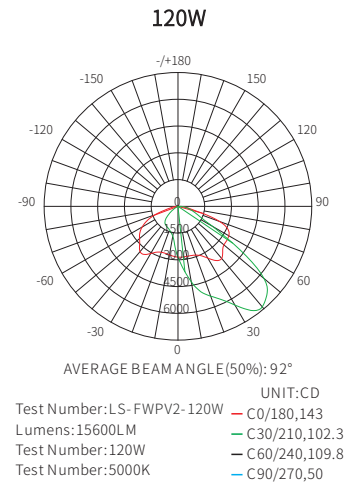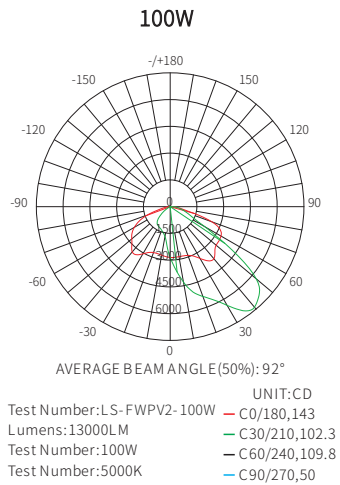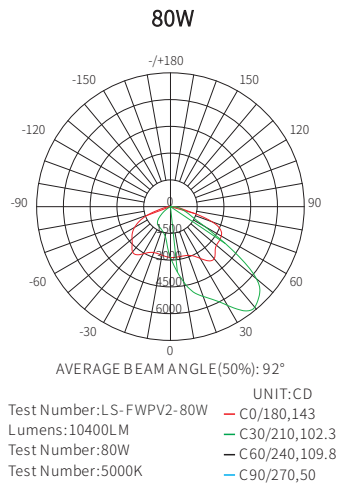| Adjustable power	2FWP80W-120V-50K				2FWP100W-120V-50K			
LED Driver	UL listed WELEDPOWER Brand 0-10V dimmable							
Input power	20W	40W	60W	80W	60W	80W	100W	120W
Lumens output	3600LM	5200LM	6500LM	10400LM	7800LM	10400LM	13000LM	15600LM
Efficiency	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W	130LM/W	130LMW	130LMW
CRI	>72	>72	>72	>72	>72	>72	>72	>72
Color Temperature	5000K	5000K	5000K	5000K	5000K	5000K	5000K	5000K
Input voltage	120-347V/AC	120-347V/AC	120-347V/AC	120-347V/AC	120-347V/AC	120-347V/AC	120-347V/AC	120-347V/AC
Light distribution type	Type II III IV	Type II III IV	Type II III IV	Type II III IV	Type II III IV	Type II III IV	Type II III IV	Type II III IV
Working temperature	-30+45℃	-30+45℃	-30+45℃	-30+45℃	-30+45℃	-30+45℃	-30+45℃	-30+45℃
Junction tempeature	<75℃	<75℃	<75℃	<75℃	<75℃	<75℃	<75℃	<75℃
lamps efficiency	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%	≥90%
Certificate	UL CULDLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	60-90W MH/HPS	90-120W MH/HPS	120-150W MH/HPS	180-240W MH/HPS	150-180W MH/HPS	180-240W MH/HPS	240-320W MH/HPS	320-400W MH/HPS

⏩ DIMENSION

170.9mm[6.7333"] / 220.9mm[8.7053"] / 230.5mm[9.0798"]
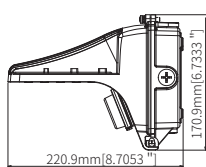
30-60W(120-277VAC&120-347VAC)/80W(120-277V AC)

183.3mm[7.2223"] / 233.8mm[9.2123"] / 280.4mm[11.0480"]
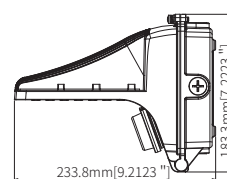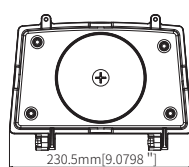
80W(120-347VAC)/100-120W(120-277V AC&120-347VAC)

LED SION

LIGHTING

DISTRIBUTION DIAGRAM

30W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-30W
Lumens:3900LM
Test Number:30W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

40W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-40W
Lumens:5200LM
Test Number:40W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

60W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-60W
Lumens:7800LM
Test Number:60W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

80W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-80W
Lumens:10400LM
Test Number:80W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

100W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-100W
Lumens:13000LM
Test Number:100W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

120W

AVERAGE BEAM ANGLE(50%): 92°

UNIT:CD

Test Number:LS-FWPV2-120W
Lumens:15600LM
Test Number:120W
Test Number:5000K

— C0/180,143
— C30/210,102.3
— C60/240,109.8
— C90/270,50

LED SION

LIGHTING

INSTALLATION:

1. Unscrew door with Philips screwdriver by loosening (2) screws.Confirm
   junction box size and junction box mounting provisions to that of thelight fixture.
2. Attach the light fixture to the junction box or mounting surface.
3. Attach the appropriate wires to the light fixture wires, green to green,black to black and white to white. Secure each wire pair with a wire nut
   (Wiring instruction FYl.)
4. Close the door and tighten(2) screws on the door lens. Nothing should
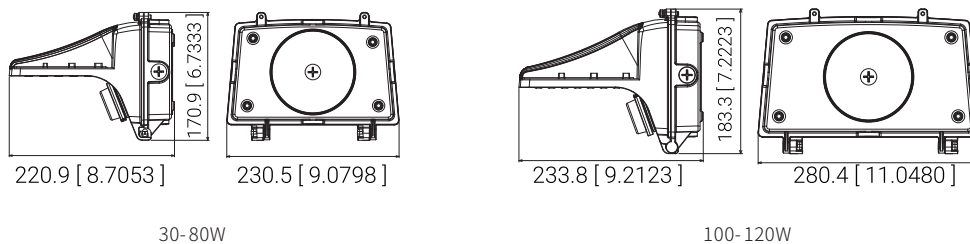
(2) screws

HOUSE

DOOR LENS
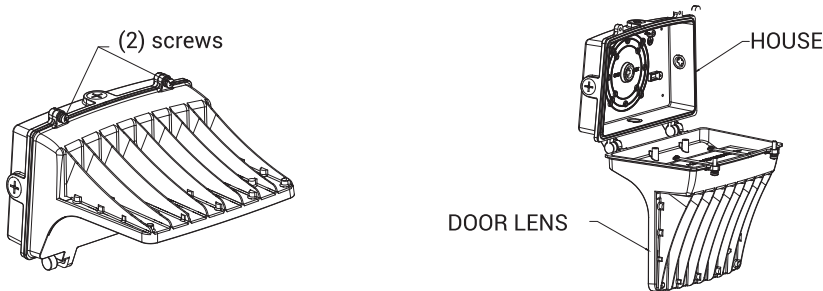
MAINTENANCE CAUTION:

1. Review the diagrams before beginning, and make sure the fixture isgrounded properly.
2. Turn the power off and wait for fixture cooling to operate.
3. This fixture has to be installed or maintenance in accordance with theapplication code by a professional person who familiar
   with theconstruction and operation of the product and the hazards involved.constructiona ndo perationo ft hep roducta ndt heh azardsi nvolved.

WARRANTY:

5- YEAR WARRANTY.
If this product fail to perform satisfactorily due to defect or poor
workmanship within five years from the date of purchase, return it to theplace of purchase and it will be replaced, free of charge. Incidental
orconsequential damages are excluded from the warranty.

DIMENSIONAL DRAWING:

170.9 [6.7333]

220.9 [8.7053]   230.5 [9.0798]

30- 80W

183.3 [7.2223]

233.8 [9.2123]   280.4 [11.0480]

100- 120W

LED SION

LIGHTING

SAFETY INSTRUCTION:

● This fixture must be wired in accordance with the international electricalcode and applicable local codes and ordinances.
● Proper grounding is required to insure personal safety. Carefully observethe correct grounding procedure under installation section.
● Make sure power off before installing or maintaining fixture.
● Check that voltage is compatible with fixture driver, use approvedconnectors for all electrical connections.

CLEANING:

1. Before touching fixture, make sure the fixture is cooling.
2. Do not clean or maintain while fixture is energized.
3. Clean lens& fixture with non-abrasive glass cleaning solution.
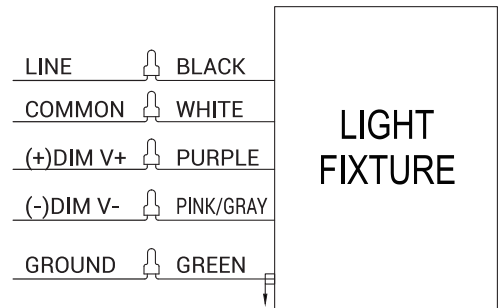4. Do not open fixture to clean and touch LED chips.

WIRING INSTRUCTION:

WARNING: TURN OFF POWER BEFORE CONNECTING WIRES.
Black wire connect to L, White wire connect to N, Green wire connect toGROUND.
For 0-10v dimming, the wiring direction as below:
1. Turn off the power.
2. Connect the BLACK wire with the LINE.
3. connect the WHITE wire with the cOMMON.
4. Connect the GREEN wire with the GROUND Caution:D ON OTc onnectt he GRAY(-)DIMV -w irew ithG ROUND..
5. Connect the PURPLE wire with the (V+)DIM.
6. Connect the GARY wire with the (V-) DIM.

LINE	BLACK	
COMMON	WHITE	
(+)DIM V+	PURPLE	LIGHT FIXTURE
(-)DIM V-	PINK/GRAY	
GROUND	GREEN	

INSTALLATION:

Tools: Phillips head screw driver and electrical wiring tools.
The fixture must be mounted on the wall with lens facing down as shownwith picture..

Lag Bolt Location

Junction
BoXMounting Holes