Bg001

DESCRIPTION

Intergrated simple structure for IP65 and easy replacement. 2.Die-castin aluminous alloy with excelletn heat disspation to promise the longer lifetime. 3.Intergrated lens to offer good lighting distribution.

APPLICATION

Family, factory, warehosue, school ,hotel, market etc.

c(UL)us LISTED   DLC QPL LISTED   DLC QPL PREMIUM   **WET**

FEATURES

● Die-casting shell brings prefect heat dissipation,Simple&perfect appearance.

● Adopt the intergrated lens to improve the luminous efficacy and offer perfect light distribution High-class LED chip to ensure

● good reliability and consistency.

● All adopt superior stainless steel nuts. Aluminum PCB with high thermal conductivity as chip carrier for faster cooling.

● Back up unit is optional and can work as Emergency light..

● Die-casting aluminum body,outer surface with spray paint treatment,elegant appearance and excellent heat dissipation.

● Long life,low thermal resistance and low power.

● Used design of US general junction box,easy operating.

● Suitable for wet location.
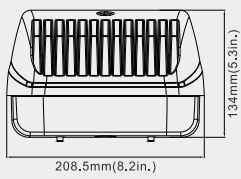
● BBU, Photocell and motion sensor is optional.

Heat disspation

Junction box

PHOTOMETRICS
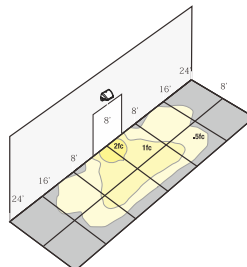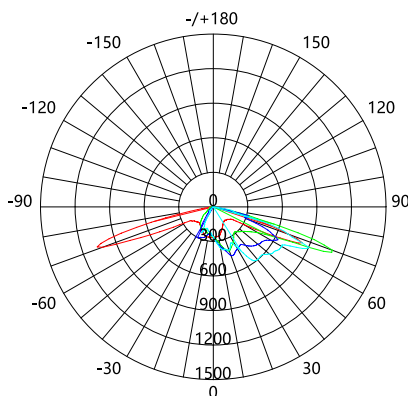
产品系列	3000-5700K	
	额定功率 (W)	输送流明 (lm)
LEDBG001-60W30	60±5%	7200
LEDBG001-80W40	80±5%	9600
LEDBG001-100W44	100±5%	12000
LEDBG001-120W55	120±5%	14400

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Email: info@universelite.com   Website: www.universelite.com
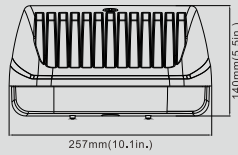KUAIJI CUN INDUSTRIAL ZONE, PINGSHUI TOWN, SHAOXING COUNTY, ZHEJIANG PROVINCE, CHINA   ZIP : 312051
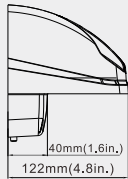
LED WALL PACK LIGHT 001/001B SERIES

DIMENSIONS

BG001B ▼
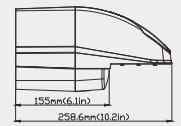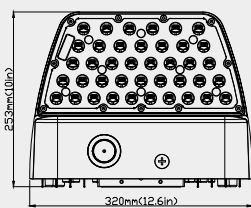

134mm(5.3in.)
208.5mm(8.2in.)
15W、20W、24W

40mm(1.6in.)
122mm(4.8in.)

140mm(5.5in.)
257mm(10.1in.)
30W、42W

56mm(2.2in.)
160mm(6.3in.)

140mm(5.5in)
257mm(10.1in)
lampstand 30W、42W

155mm(6.1in)
258.6mm(10.2in.)

BG001 ▼

253mm(10in)
320mm(12.6in)
190mm(7.5in)
60W、80W
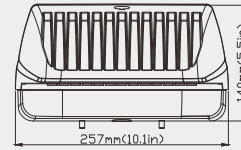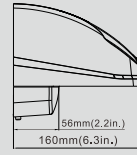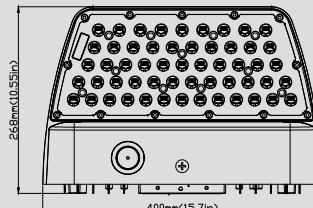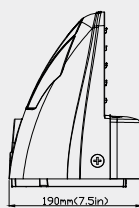
268mm(10.55in)
400mm(15.7in)
205mm(8.1in)
100W、120W

LED Wall Pack light Parameter table-DLC Premium

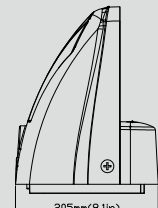| Item description		LEDBG15W001B	LEDBG20W001B	LEDBG24W001B	LEDBG30W001B	LEDBG42W001B	LEDBG001-60W30	LEDBG001-80W40	LEDBG001-100W44	LEDBG001-120W55
Dimensions	[mm]	209*134*122(L*W*H)			257*140*160(L*W*H)		320*190*253(L*W*H)		400*205*268(L*W*H)	
Input voltage	[VAC]	100−277VAC								
Input frequency	[HZ]	50/60								
Input current	[A]	0.15 (100V)	0.2 (100V)	0.24 (100V)	0.3 (100V)	0.42 (100V)	0.6 (100V)	0.8 (100V)	1.0(100V)	1.2(100V)
Input wattage	[W]	15±5%	20±5%	24±5%	30±5%	42±5%	60±5%	80±5%	100±5%	120±5%
Power factor		>0.9	>0.9	>0.95	>0.9	>0.95	≥0.95@220V			
Input voltage	[V]	18	24	30	36	27	30	30	33	33
Input current	[A]	0.7	0.7	0.7	0.7	1.4	1.76	2.4	2.73	3.27
Input wattage	[W]	10.5±5%	12.6±5%	16.8±5%	21±5%	37.8±5%	53±5%	72±5%	90±5%	109±5%
Power efficiency		≥80%	≥83%	≥86%	≥87%	≥89%	88%	90%		
Luminous flux	[Lm]	1350	1800	2160	2700	3780	7200	9600	12000	14400
Colour temperature	[K]	2700~5700K					3000-5700			
Colour rendering index	[Ra]	≥70								
Lumen maintenance(2000h)	[%]	L90 > 36000h								
Average life	[h]	＞54000								
Net weight	[Kg]	1.65/ (set)	1.65/ (set)	1.65/ (set)	2.46/ (set)	2.46/ (set)	5.2/set	5.3/set	7.0/set	7.0/set
Gross weight	[Kg]	2.1/ (set)	2.1/ (set)	2.1/ (set)	3.1/ (set)	3.1/ (set)	6.0/set	6.1/set	8.0/set	8.0/set
work environment		WET								
LED chip		6	8	10	12	18				
Ambient Temperature	[℃]	-25°-45°								
Emergency wattage		3~15W Options								
Emergency time		≥90min								

INSTALLATION

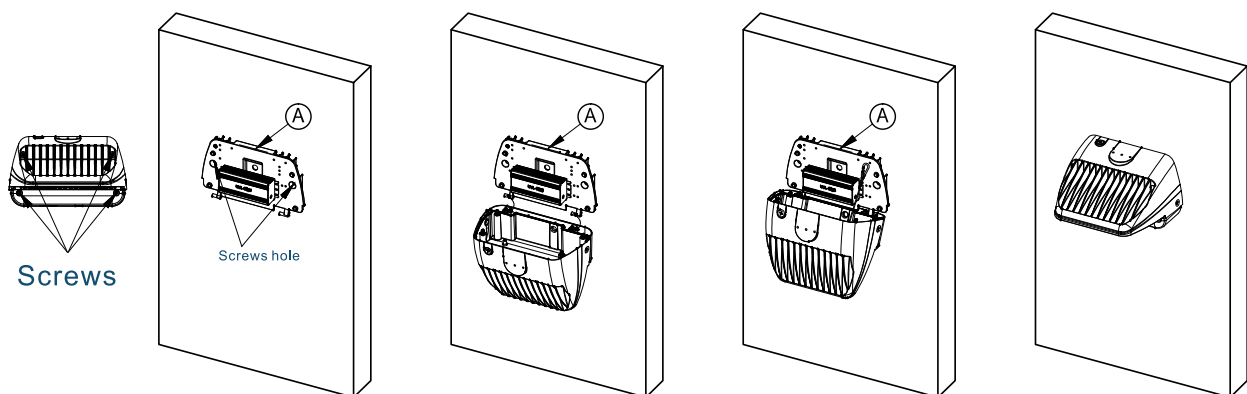### BG001 INSTALLATION 1   15W-42W Surface mounting1
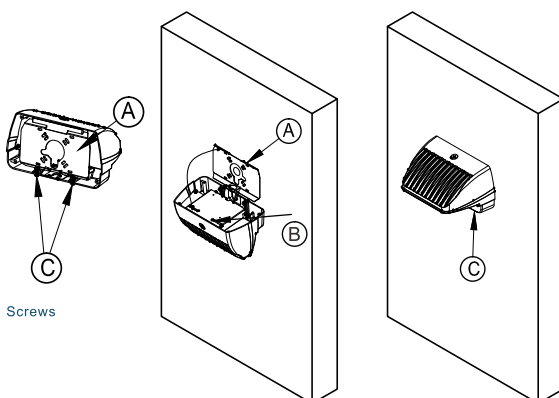
Screws

1. Take off the plate A from the luminaire and fix the plate A on the surface of the building with screws.
2. Connect the luminaire to the plate A with hook, then connect to supply source.
3. Fix the lumianire to the plate A at part B. 4. Fix the lumianire with screws at the bottom.

BG001 INSTALLATION 2   15W-42W Junction box Mounting
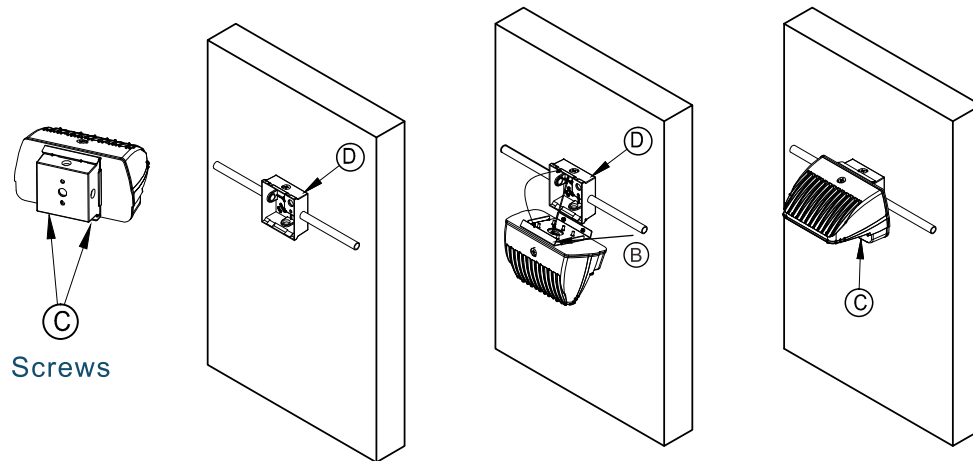
C
Screws

1. Take off junction box(D) form the lumianire and fix the box to the surface of building with screws.
2. Hang the luminiare on the junction box with hook and connect to the supply source.
3. Fix the lumianire to the junction box with screws as FIG shown.
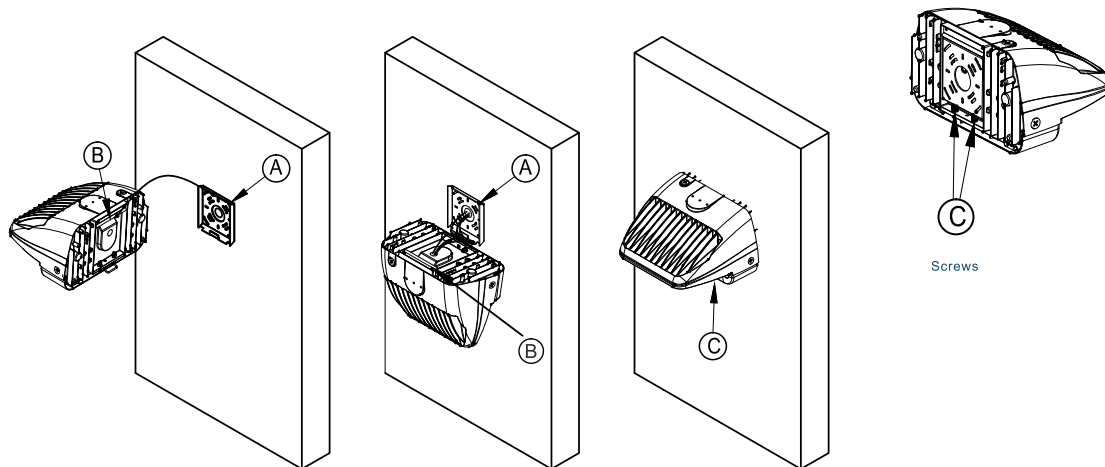4. Fix the luminaire with screws at the bottom as FIG shown.

BG001 INSTALLATION 3   60W-120W Surface mounting 2

Screws

Screws hole

1. Remove the screws and open the fixture, then disconnect the supply source and grounded wires, then take off the spring buckle on the one side of the chain at the bottom.
2. Remoce part A from the fixture, and punch the mounting hole on part A.
3. Fasten part A to the wall and connect the supply source.
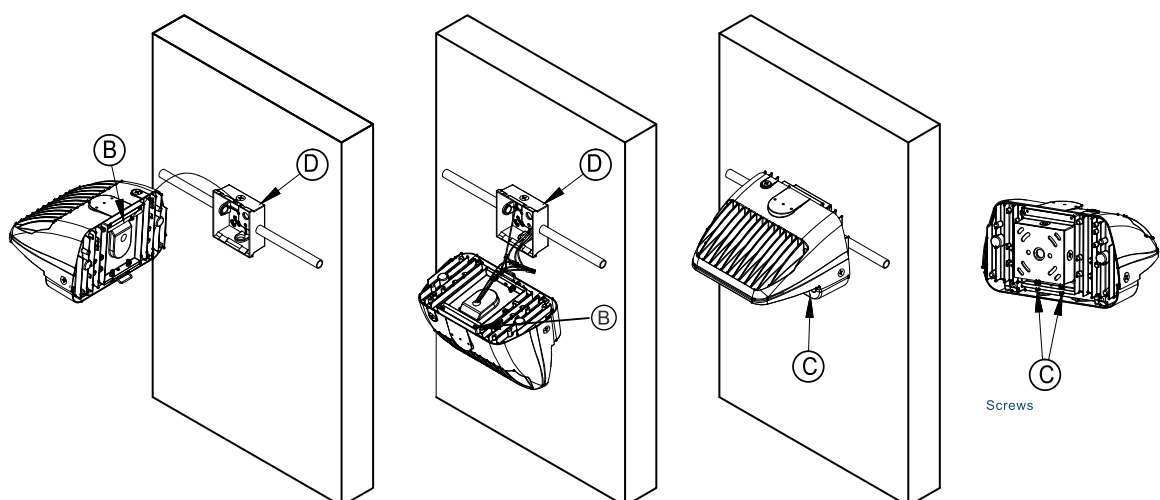4. Join part A to the fixture through the holes on the fixture.

BG001 INSTALLATION 4 | 60W-120W Surface mounting1

Screws

1. Take off the plate A from the luminaire and fix the plate A on the surface
    of the building with screws.
2. Connect the luminaire to the plate A with hook, then connect to supply source.
3. Fix the lumianire to the plate A at part B.
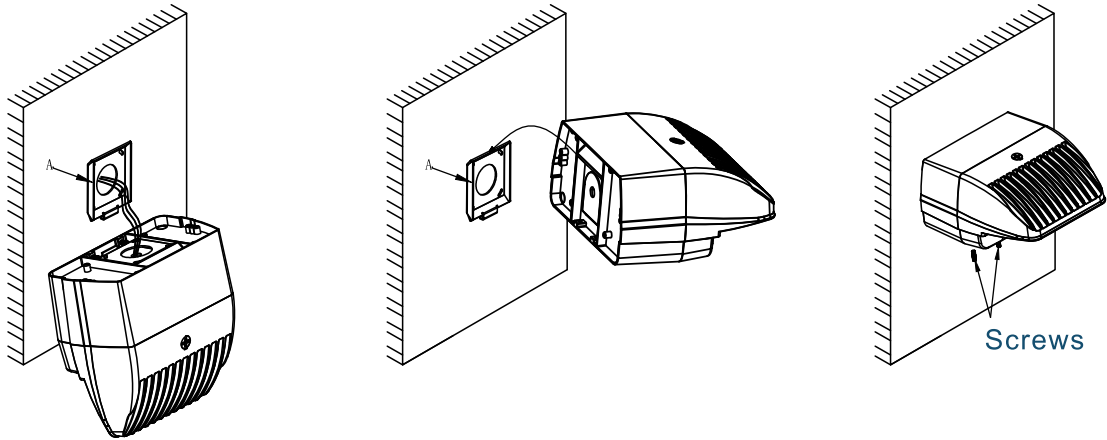4. Fix the lumianire with screws at the bottom.

**BG001 INSTALLATION 5** | 60W-120WJunction box Mounting

Screws

1. Take off junction box(D) form the lumianire and fix the box to the surface
    of building with screws.
2. Hang the lumianiare on the junction box with hook and connect to the supply source.
3. Fix the lumianire to the junction box with screws as FIG shown.
4. Fix the luminaire with screws at the bottom as FIG shown

BG001 INSTALLATION 6 | 15W-120WSurface mounting(Sensor and emergency function)
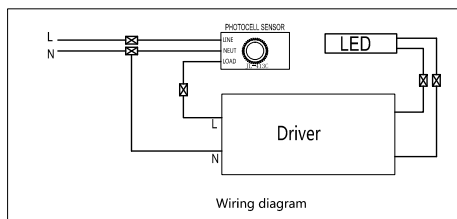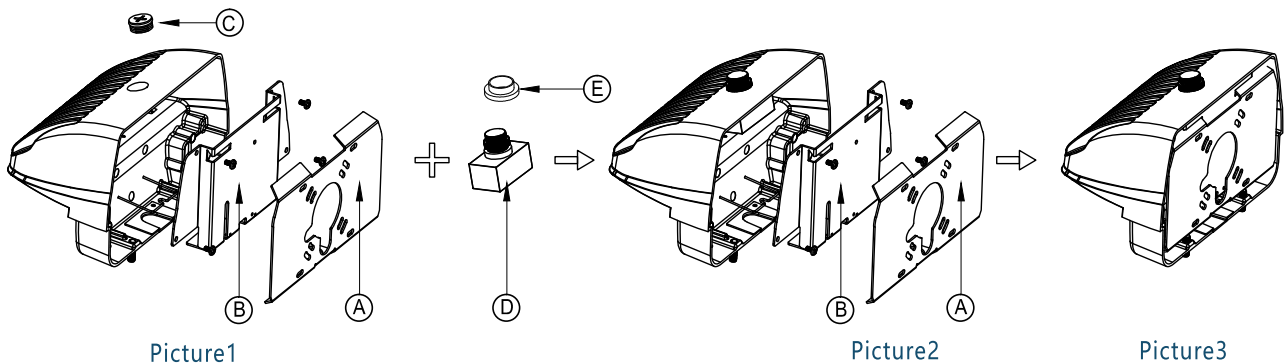

Screws

1. Take off the plate A from the luminaire and fix the plate A on the surface of the building with screws.
2. Then connect to supply source.
3. Fix the lumianire to the plate A as FIG shown.
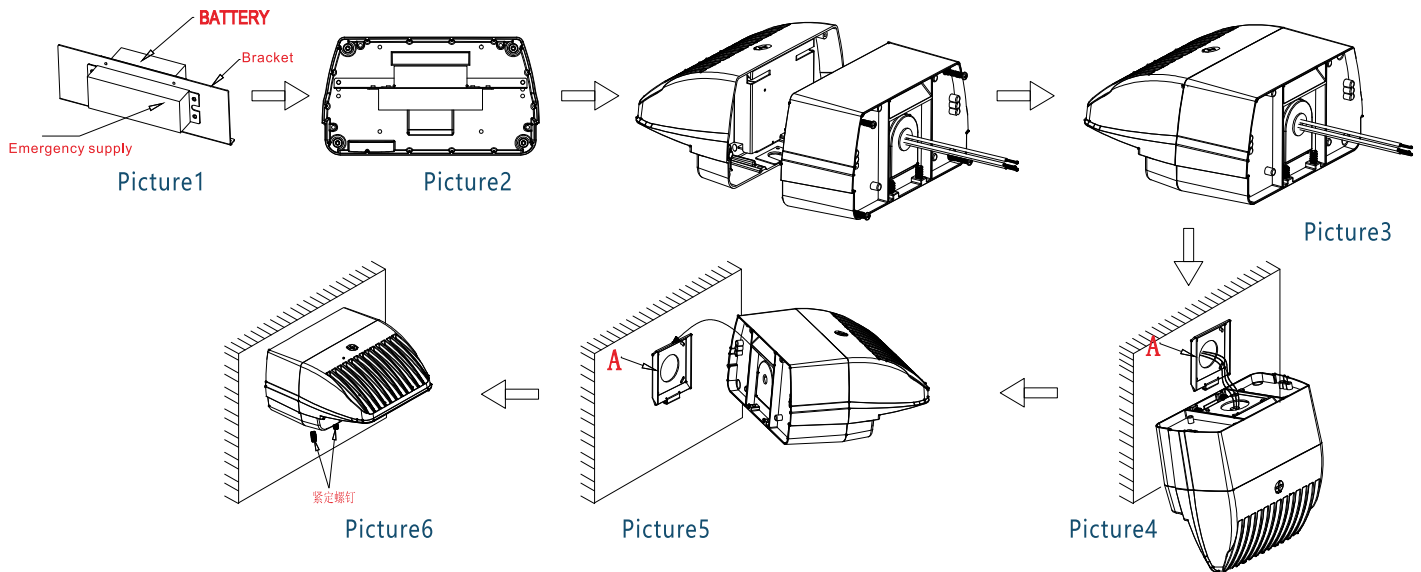4. Fix the luminaire with screws at the bottom as FIG shown.
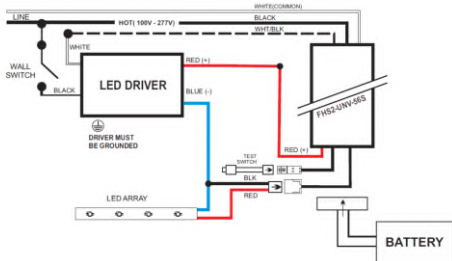
Attention: 1.Need connect four input wires when wiring. Connect one L wire to the lamp input,One L wire is connected to the emergency input, one is connected to the N wire and one is connected to E wire. The emergency L wire should be opened normally to ensure that the emergency battery can be charged for a long time. Please refer to the following wiring diagram.
2.Battery and emergency power connection have been disconnected before leaving the factory. Must be reconnected when using

PHOTOCELL SENSOR MOUNTING | 15W-120W

Picture1   Picture2   Picture3

Picture4

1. Take off plate A and B, then remove screw C (Figure 1).
2. Unscrew the nut and seal of photocell, fix silicone sealing ring E to the position where screw C was removed, then screw the seal and nut (Figure 2).
3. Connect the wires according to the wiring diagram 4.
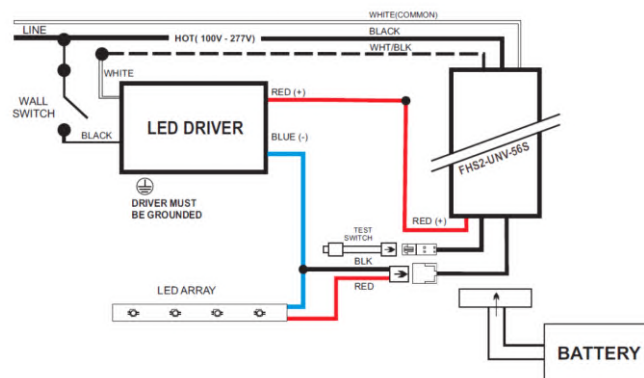4. Fix plate B first,then fix the plate A (Figure 3) .

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EMERGENCY MOUNTING

BATTERY
Bracket
Emergency supply

Picture1   Picture2   Picture3

Picture6   Picture5   Picture4

A   A

紧定螺钉

1. Fix the power supply and emergency drive to the bracket first (Figure 1), and then fix the bracket to the back of lamp (Figure 2).
2. Connect the wire according to the wiring diagram and fix the emergency part with sealing ring to the luminaire (Figure 3).
3. Fix the plate A on the surface of the building with screws(Figure 4) and fix the lumianire to the plate A(Figure 5).
4. Fix the lumianire with screws at the bottom(Figure 6).

Attention: 1.Need connect four input wires when wiring. Connect one L wire to the lamp input,One L wire is connected to the emergency input, one is connected to the N wire and one is connected to E wire. The emergency L wire should be opened normally to ensure that the emergency battery can be charged for a long time. Please refer to the following wiring diagram.
2.Battery and emergency power connection have been disconnected before leaving the factory. Must be reconnected when using

WHITE(COMMON)
BLACK
WHT/BLK
LINE
HOT(100V - 277V)
WHITE
WALL SWITCH
BLACK
LED DRIVER
RED (+)
BLUE (-)
FHS2-UNV-56S
DRIVER MUST BE GROUNDED
RED (+)
TEST SWITCH
BLK
LED ARRAY
RED
BATTERY

⚠ WARING!

1、When the lamp input terminal is connected, the grounding wire must be connected to avoid the lamp early failure and electricity safety.
2、When the ambient temperature is lower than -40℃,the lamp will be affected. When the ambient temperature is higher than 50℃,the working life of the lamp power supply will be shortened,and the pearl light decline of LED lamp will accelerate.
3、Must power off during the maintenance operation, and keep following the safe operation mode.