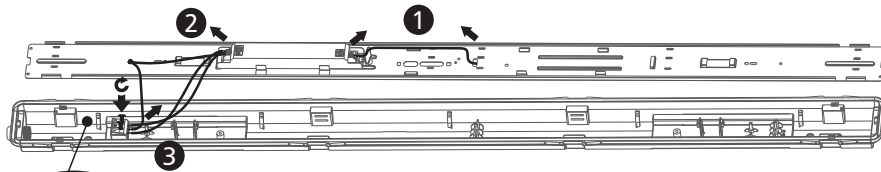
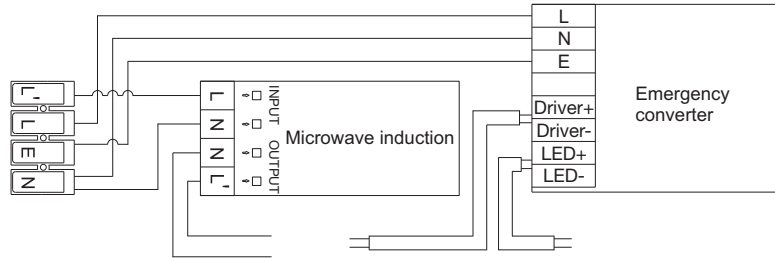




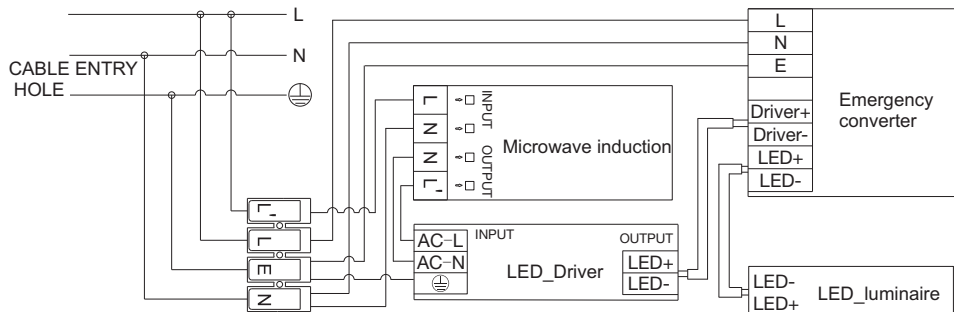
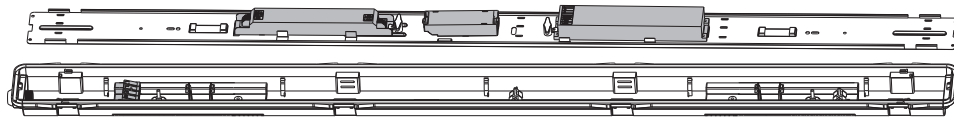
INSTALLATION & OPERTING INSTRUCTIONS

Microwave sensor / Emergency kit

Code					
ACC	x1	x1	x1	x1	x1



- Remove the DC output line
- Remove the AC input cable (brown/blue)
- Remove one end of the three position terminal of the ground wire
- Remove the three position terminals



Functions Instruction (For specific function, please refer to actual model)



Emergency

Emergency function switches automatically between power cut and power restoration.

- Li battery, high efficiency
- Battery duration: 3 hours
- Charge period: 24 hours



Sensor

Detection area: 140 degree wide detective beam angle with 4-6 meters distance

Datasheet (Emergency)

Input power	3W
Discharge power	2W
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC200-240V
Rated Input Current	0.01A
Battery	6.4V 1500mAh LiFePO4
Lifetime	Over 2000 cycles
Battery duration	≥3hrs
Charge Period	≤24hrs
Emergency switching time	≤1S
Emergency Operating Temp.(°C)	0°C-25°C

Instructions for automatic test option

- Once the unit is powered up, It will automatically initiate a self test and diagnostics as follows:
 - Every 4 seconds: Checking for battery disconnection, charger board fault, lamp failure and transformer failure.
 - Every month: Performing a 3minutes duration test.
 - Every year: performing a 1Hour or 3Hours duration test.
- All test functions are factory preset and do not need field adjustment.

2.Dual colour Indicator LED Status Meanings.

Green	Solid On	Ready/Normal Operation
	Flashing	Testing
Red	Requires Service	
	• One flash, 4 seconds pause	Battery not connected
	•• Two flashes, 4 seconds pause	Low battery voltage
	••• Three flashes, 4 seconds pause	Charger board fault
••••	Four flashes, 4 seconds pause	Charger board fault

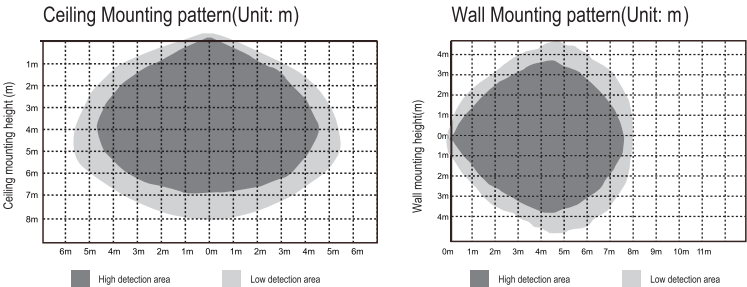
Note:

- 1) This product should be installed by a registered electrician in accordance with local standards and electrical regulations.
- 2) Ensure the power supply is under isolated before installation.
- 3) Sealed LiFePO4 rechargeable battery pack, the battery should be replaced when the required duration is no longer achieved.
- 4) To avoid any damage to the fixture and ensure its performance, the battery should be replaced with same brand and type.

Driver Datasheet (Sensor)

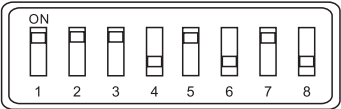
Sensor datasheet	
Operating Voltage	220-240VAC 50/60Hz
Power consumption	1.5W±0.5W
Microwave frequency	5.8GHz±75MHz, ISM wave band
Transmission power	<0.5mW
Detection angle	140°
Detection Area	4-6m (100%/75%/50%/25%)
Hold time	5S/30S/90S/5Min/20Min/30Min
Daylight sensor	2lux/10lux/30lux/50lux/Disable
Stand-by DIM Level	-
Stand-by Period	-
Dimming Range	-
Microwave ON/OFF function	-
Installation Height	Recommended wall mounting height of 1.8 meters and ceiling mounting height of 3 meters.
Minimum mounting distance	recommended mounting distance should be more than 3m
Operating temperature(°C)	-20°C~60°C

Induction Range



Factory setting

Factory settings		
Detection Area	Hold Time	Daylight Sensor
100%	90S	30Lux



Sensor Setting

Detection area			
	1	2	
I	ON	ON	100%
II	-	ON	75%
III	ON	-	50%
IV	-	-	25%

Detection area:

Sensor test condition: The test is based on 3m height, the detect distance radius is based on ground, the detect distance can be adjusted through the slide switch.

Sensor test environment and reference: The detect range is measured by human body whose stature is around 1.6-1.7M with medium size and traveling speed is around 1.0-1.5M per second. If the stature, bodily form and traveling speed are changed, then the detect range will be changed accordingly.

Sensor lamp's reaction under open/narrow environment: Test result will be highly influenced by test environment, the more open environment, the closer detect distance; the narrower environment, the longer detect distance. The detector may do self-excitation in a narrow environment.

Sensor Setting based on environmental disturbance: Some environmental disturbances will cause abnormal induction, such as the lamp can not automatically turn off for a long time or the sensor function is invalid, then users can adjust sensor distance to reach the ideal effect. It is recommended to adjust the sensing distance to 50% for the environment where near the heavy equipment, metal sheets and metal pipes, concrete wall (<30cm thickness)etc. Recommend to keep 100% sensor distance in open environment. For environment where near the routers, telecommunications base stations, electrical machinery etc, it is recommended to keep the installation distance of more than 5 meters and adjust to 50% sensor distance.

Hold time				
	3	4	5	
I	ON	ON	ON	5S
II	-	ON	ON	30S
III	ON	-	ON	90S
IV	-	-	ON	5min
V	ON	ON	-	20min
VI	-	-	-	30min

Hold time:

Refers to the time period the lamp remains at 100% illumination after no motion detected.
Notice 1: The hold time can be selected by the slide switch.
The hold time counting should be started after the sensor is powered on and initialized.

Daylight sensor				
	6	7	8	
I	ON	ON	ON	2Lux
II	ON	ON	-	10Lux
III	-	ON	-	30Lux
IV	ON	-	-	50Lux
V	-	-	-	Disable

Daylight sensor:

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.

Notice 1: The light threshold can be selected through the slide switch, it may cause a large deviation in different lamps.