V-TAC
Meaningful Innovation.

WEEE Number : 80133970

INSTALLATION INSTRUCTION

CCT LED BATTEN FITTING



03 YEAR WARRANTY*

SAMSUNG LED Illuminated

PRO SERIES

IK08 RATING

TECHNICAL DATA:

Model	Watts	Color Temperature	Default Setting	Input Voltage	Lumens	Size (mm)	Microwave Sensor	Emergency Battery Backup
VT-4004E	20W/30W/40W	3000K/ 4000K/ 6500K	40W & 4000K	AC220-240V 50Hz.	5400LM	1170*65*70	NO	YES
VT-4004SE							YES	YES
VT-4005E	30W/40W/50W		50W & 4000K		6750LM	1470*65*70	NO	YES
VT-4005SE							YES	YES
VT-4006E	40W/50W/60W		60W & 4000K		8100LM	1770*65*70	NO	YES
VT-4006SE							YES	YES

SENSOR SPECIFICATION

Operating Voltage	Microwave Frequency	Microwave Power	Operating Current	IP Rating	Control Mode	Stand-by Dimming level	Stand-by Period	Hold Time	Daylight Threshold	Detection Range	Detection Angle
DC 7.5-12V	5.8 HGz + 75 MHz	< 0.3mW	< 30mA	IP 20	PWM	0%/20%	15 mins/ +∞	5s/1 min/ 3 min/10 min	30 Lux/ Disable	12M (Max)	Side Wall < 50° Ceiling Mount 360°

EMERGENCY SPECIFICATION

Battery Type	Battery Capacity	Battery Voltage	Battery Charge Voltage	Battery Current	Battery Discharge Voltage	Battery Discharge Current	Charging Time	Operation Time	Test Function
LiFePO4, 18730.	2000mAh	6.4V	DC 9V	30~400 mA	DC 6.0~8.2V	350~700 mA	> 12H	> 3H	Manual

REMOTE CONTROL

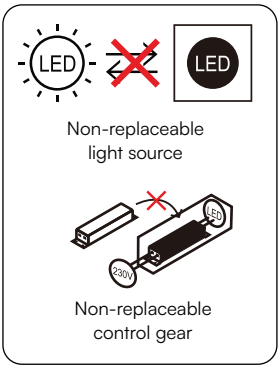
Battery	Detection Area	Stand-by Dimming Level	Stand-by Period	Hold Time	Daylight Threshold	Brightness Adjust
2xAAA (Not included)	50%/100%	0%/10%/ 20%/30%	5 min/15 min/30 min /+ ∞	30s/1 min/ 3 min/10 min	10 Lux/30 Lux/ 50 Lux/Disable	-/+ button on remote

INTRODUCTION & WARRANTY

Thank you for selecting and buying V-TAC product. V-TAC will serve you the best. Please read these instructions carefully before starting the installation and keep this manual handy for future reference. If you have any another query, please contact our dealer or local vendor from whom you have purchased the product. They are trained and ready to serve you at the best. The warranty is valid for 3 years from the date of purchase. The warranty does not apply to damage caused by incorrect installation or abnormal wear and tear. The company gives no warranty against damage to any surface due to incorrect removal and installation of the product. The products are suitable for 10-12 Hours Daily operation. Usage of product for 24 Hours a day would void the warranty. This product is warranted for manufacturing defects only.

WARNING!

1. Please make sure to turn off the power before starting the installation.
2. Installation must be performed by a qualified electrician
3. The light source of this luminaire is not replaceable, when the light source reaches its end of life the whole luminaire should be replaced.
4. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
5. Proper grounding should be ensured throughout the installation.
6. Please do not install on a surface that is prone to vibrations.
7. Contact our customer support team for battery replacement.
8. For Indoor use only.



This marking indicates that this product should not be disposed of with other household wastes.

Caution, risk of electric shock.

MULTI-LANGUAGE MANUAL QR CODE

Please scan the QR code to access the manual in multiple languages.

RoHS

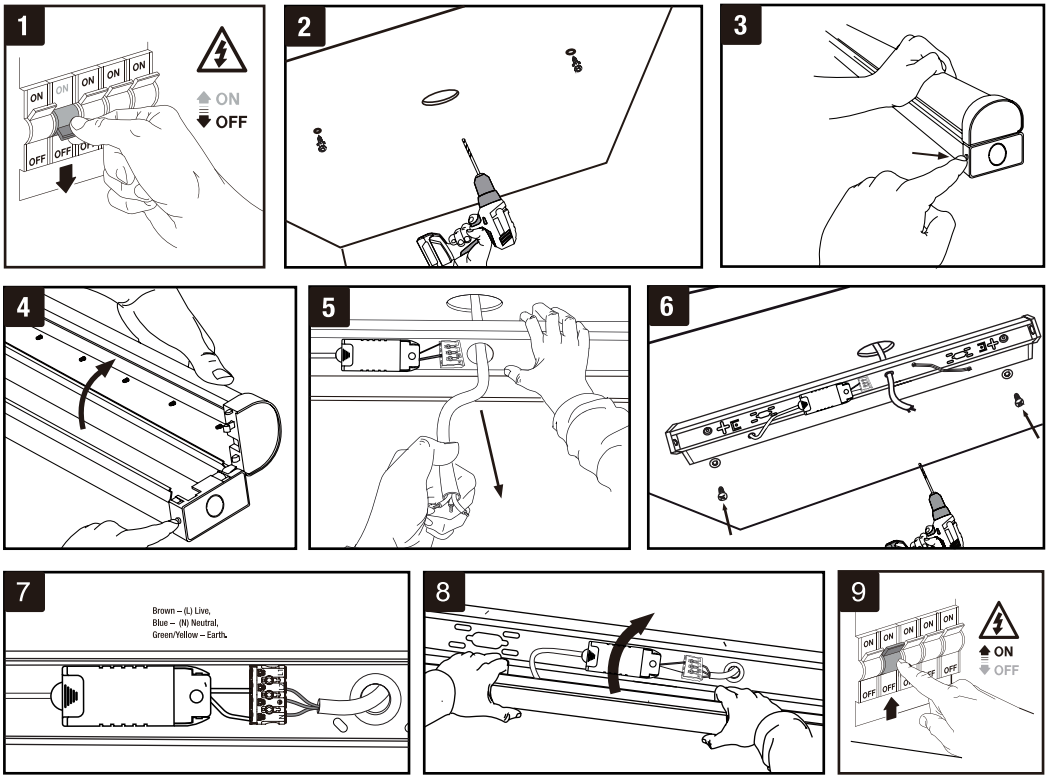
INSTALLATION PRECAUTIONS

1. Microwave sensor can be installed in any lamp except the one with full metal shell.
2. The detected surface cannot be shielded by metal objects.
3. Make sure the microwave module is completely exposed outside.
4. The detection surface of the sensor module shall be installed facing the detection area.
5. Should be kept away from the driver to avoid interference generation and lamp flashing.
6. Wiring must be strictly in accordance with the wiring diagram to avoid short circuit.

USER NOTES

1. 3M distance is suggested when having a lot sensors in one same room.
2. If the sensor is applicated in the room with 5G WiFi router, 3M distance or above is needed.

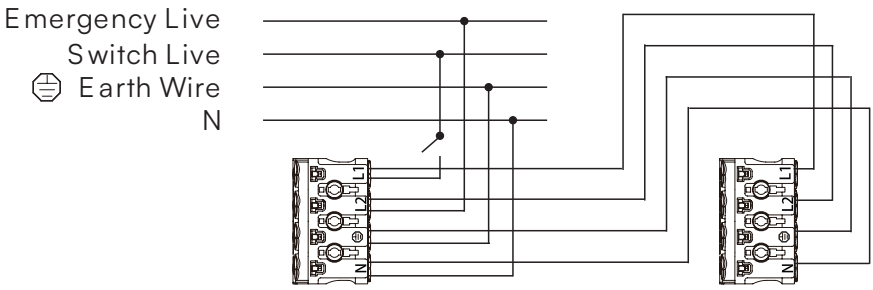
INSTALLATION DIAGRAM



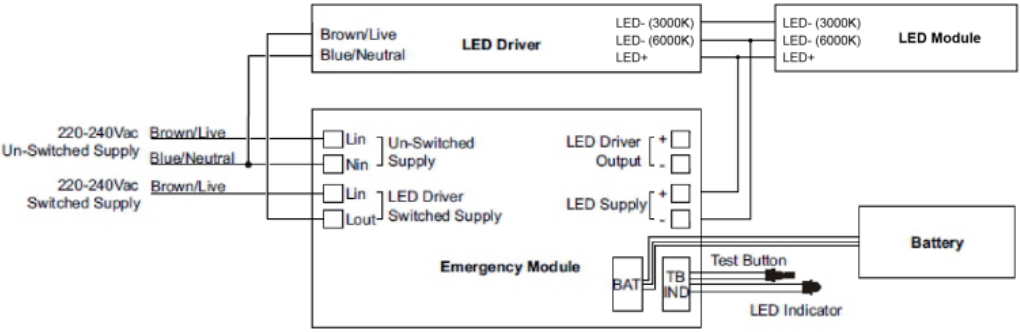
INSTALLATION INSTRUCTIONS

1. Switch OFF the power before starting the installation.
2. Drill holes on the wall/surface using the fixing points or BESA plates for conduit mounting.
3. Press the sides of the base and gently remove the front cover.
4. Install plastic plugs into the drilled holes. Feed the cable from the backside of the fitting as shown in the diagram. Using the screws install the backside of the fitting on the wall/surface.
5. Connect supply leads with terminal brown (L) to brown, blue (N) to blue & greenish-yellow (⏚) to greenish-yellow.
7. Gently push fit the front cover/diffuser to the backside fitting until you hear a click sound. Ensure the fitting is properly fixed.
8. Switch ON the power to test the light.

LINKABLE WIRING DIAGRAM



EMERGENCY WIRING DIAGRAM



NOTE:

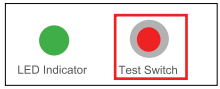
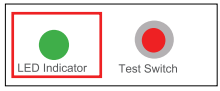
1. Before installation, to connect the battery.
2. After installation, allow 24 hours to ensure full battery charge and then interrupt the supply.

CAUTION:

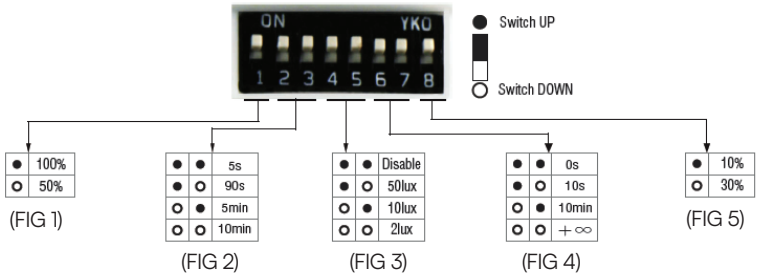
To ensure its performance, battery pack should be charged for 24 hours every 6 months during storage.

TEST SWITCH AND LED INDICATOR:

The Test Switch and LED indicator on the luminaire provide an indication of the status of the luminaire during testing and normal operation

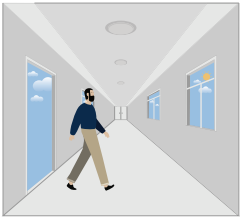
Test Switch&LED indicator	ON	OFF
	• Depress the test switch of the luminaire to operate the emergency mode. • LED indicator will be off during emergency mode.	• On releasing the test switch of the luminaire and will automatically connect to main supply power • LED indicator will on after releasing the test switch
	• Luminaire is working properly on main supply	• Luminaire is working in emergency mode • Luminaire has malfunction

SENSOR SETTINGS

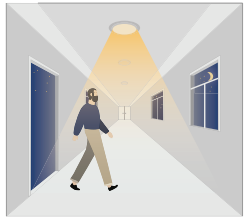


Detection Area - It can be adjusted by combining DIP switches for specific application [FIG 1].
Hold Time - Time period during which the light will be ON after the last detection [FIG 2].
Daylight Threshold - Daylight sensor priors motion sensor. Set Threshold for Specific needs. If disabled, only motion sensor will work [FIG 3].
Stand-by Period - This is the time period during which the light keeps dimming down after the last detection [FIG 4].
Stand-by dimming level - The dimming level during which the light is ON during the stand-by Period [FIG 5].

AUTOMATICALLY ON/OFF FUNCTION



With sufficient daylight, even when motion detected, light remains OFF.

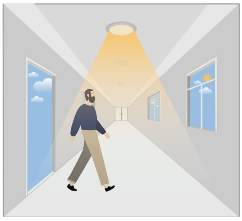


With insufficient daylight, the sensor turns light ON when motion gets detected.

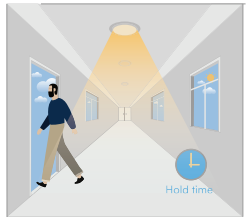


The sensor turns OFF light automatically after the holdtime when there's no motion detected.

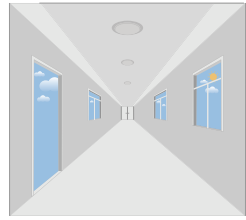
DAYLIGHT DISABLE



The sensor turns light ON when motion gets detected.



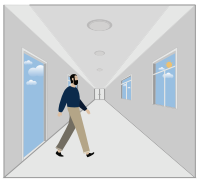
The sensor keeps light ON for holdtime period after motion leaves.



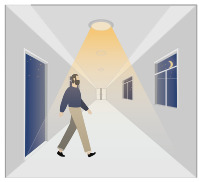
The sensor turns OFF light automatically after the holdtime.

When daylight threshold is preset as "disable", the sensor turns light ON when motion gets detected, and OFF after holdtime.

CORRIDOR FUNCTION, BI-LEVEL DIMMABLE



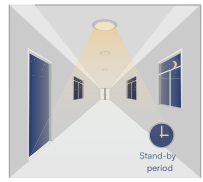
With sufficient daylight, the sensor keeps light OFF even motion gets detected.



With insufficient daylight, the sensor turns light ON when motion gets detected.



After there's no motion detected, the sensor keeps light ON 100% for holdtime.



After holdtime, sensor dims light to standby dimming level for standby period.



The sensor turns OFF light automatically after the standby period when there's no motion detected.

REMOTE CONTROL (PURCHASE SEPERATELY)

