



Meaningful Innovation.

WEEE Number: 80133970

INSTRUCTION MANUAL

LED EMERGENCY LIGHTS

TECHNICAL DATA

MODEL	VT-519-S
SKU	836
WATTS	2W
NO. OF LED	16 SMD LEDs
LUMENS	140LM
BATTERY TYPE	Ni-Cd 3.6V, 900mAh
EMERGENCY OPERATION TIME	>3 Hours (Maintained)
BATTERY DISCHARGE CURRENT	200-280mA
BATTERY CHARGING CURRENT	100-140mA
RECHARGING	12 HOURS
VIEWING DISTANCE	24 METERS FROM BOTH SIDE
DIMENSION	380x195x51mm
INPUT POWER	AC:220-240V
STICKER	3 WAY LEGENDS AVAILABLE
INDICATOR	GREEN LIGHT TEST BUTTON
LAMP TYPE	EXIT LAMP



03 YEAR WARRANTY*

SAMSUNG LED Illuminated

PRO SERIES

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 installing 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. This product is warranted for manufacturing defects only.



MULTI-LANGUAGE MANUAL QR CODE

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

WARNING:

- This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed
- Recommended routine test procedure in accordance with BS5266
- Daily check — check that the status GREEN LED indicator is illuminated
- Monthly functional test — simulate a mains supply failure for approx. 30 secs by operation of key switch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated
- Twice yearly conduct a one hour duration test - simulate a mains supply failure for one hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated
- Annual full three hour duration test - conduct a three hour continuous duration test. Simulate a mains supply failure for three hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated
- Please make sure to turn off the power before starting the installation.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- Replace any cracked protective shield.
- Installation should only be done by a certified electrician.
- For Indoor Use only



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

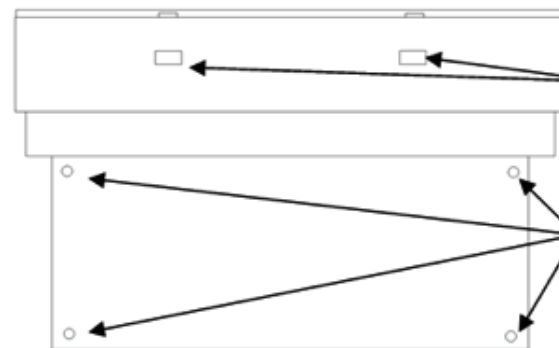
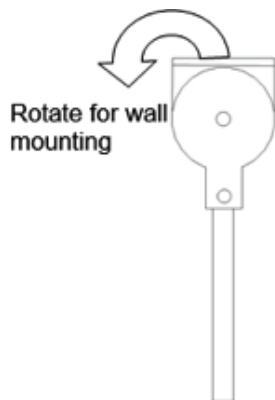


Caution, risk of electric shock.



INSTALLATION:

- Provide power to the required point of installation
- Remove the top cover as shown below in the image
- Rotate up to 90° for Wall Mounting

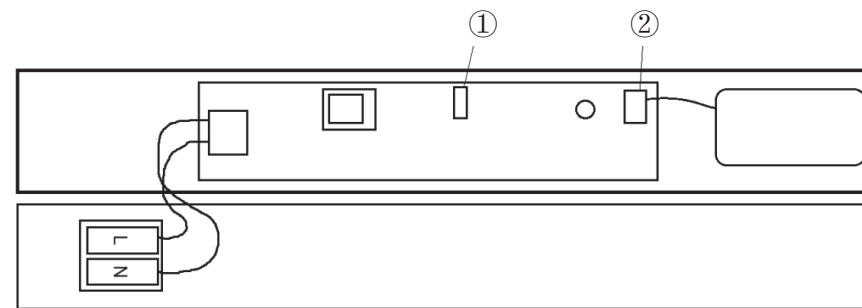


Push in here on both sides and remove the top cover

Legend fixings
The legend can be changed by removing these fixings

- Using the top cover as a template, mark the location for, and drill 2 fixing holes ensuring not to infringe with any joists, gas or water pipes or electrical cables.
- Feed the mains cable through the cable entry hole in the top cover.
- Connect mains cable into push-fit terminal block ensuring correct polarity is observed, see the following figures for maintained, non-maintained and switched maintained wiring diagram.
- Connect flying lead from battery pack to the socket on the PCB.
- Refit the exit sign to the top cover ensuring all 4 lugs lock into place.

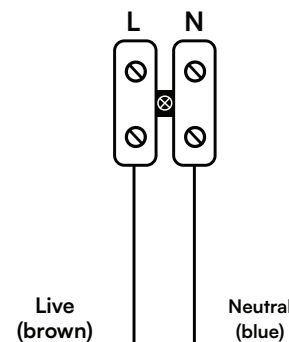
EMERGENCY TERMINATIONS MAINTAINED/NON-MAINTAINED



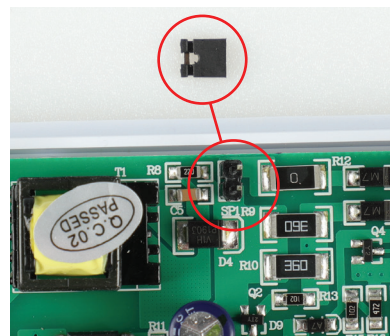
1. Remove 2-PIN connector for Non-Maintained Operation

2. Connect battery lead

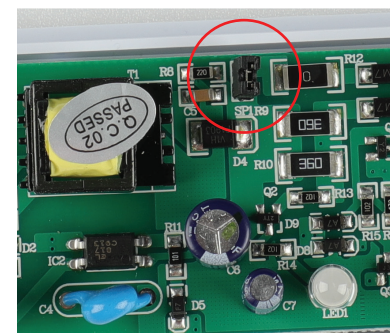
WIRING DIAGRAM



NON-MAINTAINED



MAINTAINED



- Restore the supply and check that the Green LED indicator illuminates to confirm the batteries are charging.

There are three possible reasons when the green LED indicator does not light up:

- 1) there is no power supply AC220-240V,
- 2) the batteries are not properly connected to the PCB,
- 3) the batteries are not being charged.

- Allow a short period for partly charging the batteries and then isolate the mains supply to the fitting in order to check the correct operation of the fitting in emergency mode. After 36 hours on continuous charge (and only at a safe time) a mains failure should be simulated to ensure that the fitting illuminates for its rated emergency duration.

The luminaire will have a 1-hour backup after 14 hours charging and will be fully charged after 24 hours (first charge 36 hours)

MAINTENANCE

Once the luminaire no longer meets the rated emergency operation the batteries must be replaced after a maximum of 4 years in service.

Repairs should only be carried out by a qualified person. Please recycle disposal of replaced components where facilities exist. Special care should be taken if it's required to open the fitting as the fitting may still be "live" even though the mains supply has been isolated. In these circumstances immediately disconnect the battery supply.

Servicing and cleaning should only be carried out after the fitting has been made electrically safe. Cleaning of luminaires should be carried out at regular intervals not only to ensure good optical performance but also ensure that dirt does not accumulate to such an extent as to impair the electrical or thermal safety of the fitting.