



Meaningful Innovation.

WEEE Number: 80133970

## INSTRUCTION MANUAL

LED WATERPROOF FITTING  
WITH EMERGENCY BACKUP

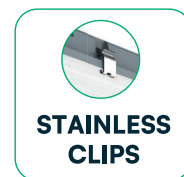


### TECHNICAL DATA

MODEL	VT-120137E	VT-150149E
SKU	24012	24014
POWER	36W	48W
LUMENS	4320 lm	5760 lm
BEAM ANGLE	120°	120°
CRI	≥80	≥80
PF	≥0.9	≥0.9
INPUT VOLTAGE	AC: 200-240V, 50/60Hz	AC: 200-240V, 50Hz
DRIVER MA (INPUT CURRENT)	200mA	265mA
CLIP NUMBER	12	14
OPERATIONAL TEMPERATURE	0°C to +40°C	0°C to +40°C
LIFE SPAN	20,000 Hours	20,000 Hours
ON/OFF CYCLE	10,000 Times	10,000 Times
MATERIAL	PC+PC	PC+PC
DIMENSION	1200x78x72 mm	1500x78x72mm
MAX. CONNECTABLE UNITS	8PCS	6PCS

**02** YEAR  
WARRANTY\*

**IP65**  
RATING

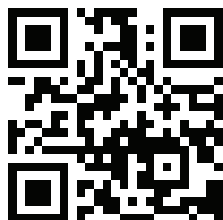


### EMERGENCY TECHNICAL DATA

BATTERY	High temp.Ni-Cd 9.6V , 2200mAh	LED OUTPUT POWER	6-7W
RECHARGE TIME	24H	LED LOAD VOLTAGE	DC350-430V
DURATION TIME	3H		

### 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 2 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.



#### MULTI-LANGUAGE MANUAL QR CODE

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



Points de collecte sur [www.quefairedemesdechets.fr](http://www.quefairedemesdechets.fr)  
Privilégiez la réparation ou le don de votre appareil !

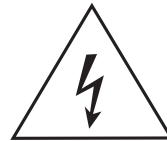
IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US AT: [SUPPORT@V-TAC.EU](mailto:SUPPORT@V-TAC.EU)  
FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.  
V-TAC EUROPE LTD. BULGARIA, PLOVDIV 4000, BUL.L.KARAVELOW 9B

## 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 shall 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. The luminaire is designed with an emergency kit with a replaceable battery. If the battery no longer meets their rated duration of operation after corresponding recharge period the battery/emergency kit should be replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
6. For indoor use and outdoor use.



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

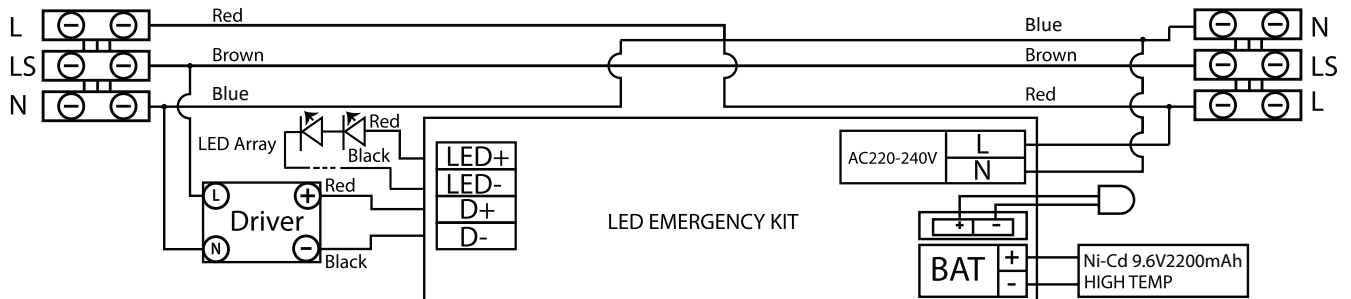


Caution, risk of electric shock.

## CAUTION

1. Battery is in an empty state, please ensure to charge more than 36hours before using.
2. Power connected but light does not work, please check whether the light is properly connected to the mains.
3. Please strictly use the emergency kit according to the wiring diagram before connection and pay attention to reverse connection.

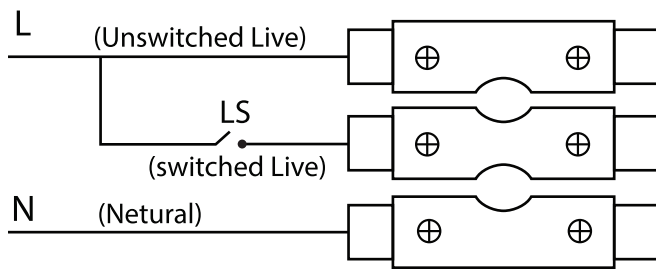
## EMERGENCY WIRING DIAGRAM



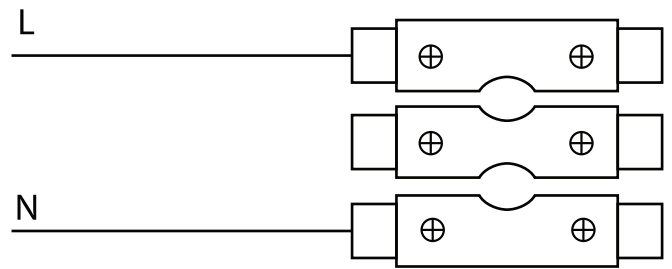
**V-TAC WEST EUROPE LTD.** IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT, PLEASE REACH OUT TO US  
AT: SUPPORT@V-TAC.EU FOR MORE PRODUCTS RANGE, INQUIRY PLEASE CONTACT OUR DISTRIBUTOR OR NEAREST DEALERS.  
V-TAC WEST EUROPE LTD. GROUND FLOOR, 71 LOWER BAGGOT STREET, DUBLIN O2, IRELAND DO2 P593

**V-TAC UK LTD.** IN CASE OF ANY QUERY/ISSUE WITH THE PRODUCT PLEASE REACH OUT TO US AT  
SUPPORT@VTACEXPORTS.COM V-TAC, 5A TUNGSTEN PARK, DOWNS ROAD, WITNEY, OXFORDSHIRE, OX29 OAX

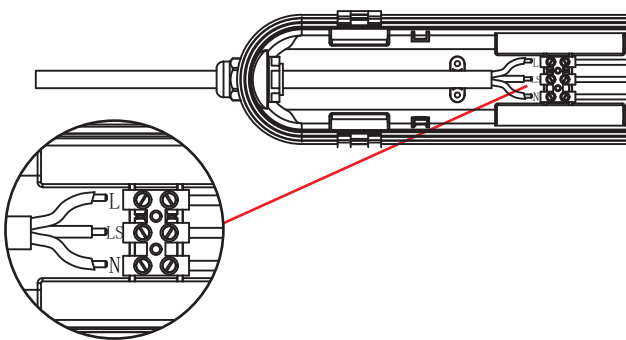
## Maintained



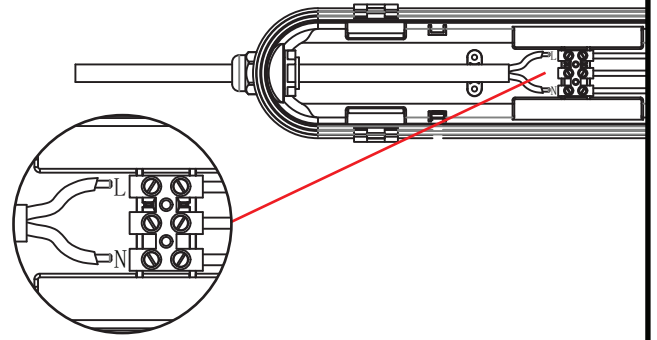
## Non-Maintained



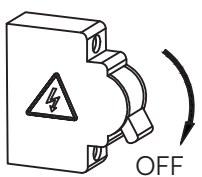
## Maintained



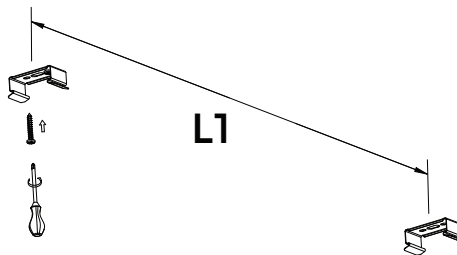
## Non-Maintained



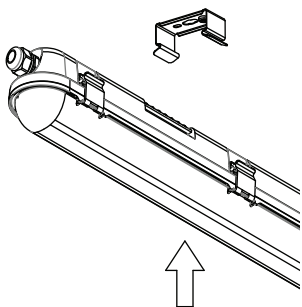
## SINGLE UNIT INSTALLATION INSTRUCTIONS



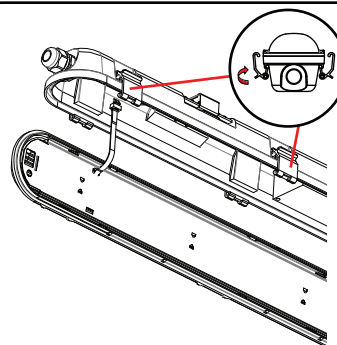
**STEP 1:** Switch OFF the power before starting the installation.



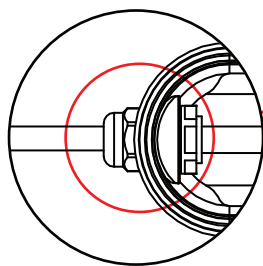
**STEP 2:** Fix the mounting brackets onto the ceiling using screws and expansion plug(included). Please refer to table 1 for installing the mounting bracket distance points.



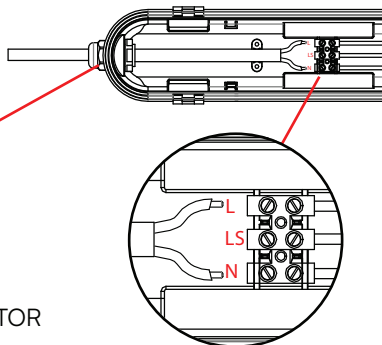
**STEP 3:** Mount water-proof lamp onto the mounting brackets.



**STEP 4:** Open the side clips of water-proof fitting and open the diffuser as shown in the diagram.

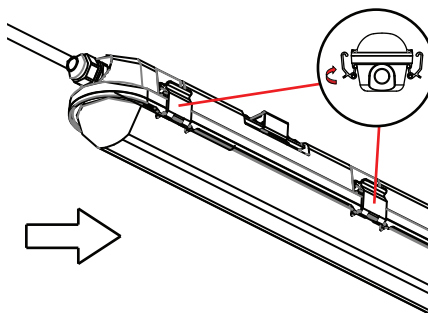
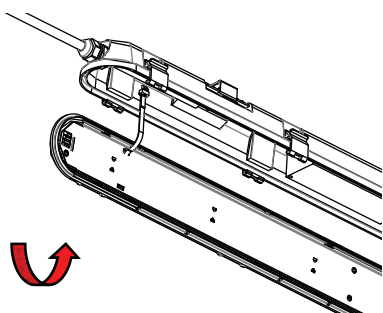


WATERPROOF CONNECTOR

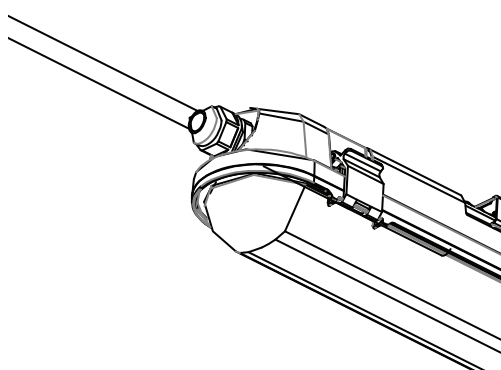


**STEP 5:** Fasten the waterproof connector clockwise. Insert the cable through the waterproof connector and wire it into the terminal block.

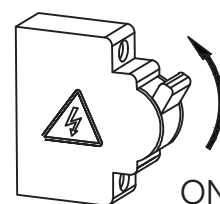
**Note:** For Maintained and Non-Maintained wiring please refer to the wiring diagram.



**STEP 6:** Install the diffuser to the waterproof fitting and close the clips.



**STEP 7:** Wire the waterproof fitting to the main power supply. Ensure to use waterproof terminal block [not included].



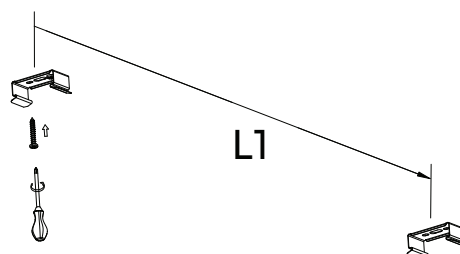
**STEP 8:** Switch ON the power to test the light.

## MULTIPLE (LINKABLE) UNITS INSTALLATION INSTRUCTIONS

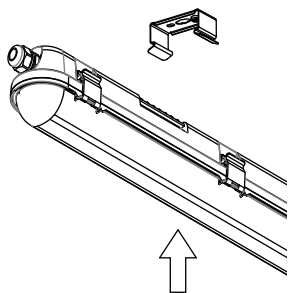
Note: Please refer to the model number and max linkable units which can be linked together. Based on the max linkable units select the max waterproof fittings which you would like to connect.



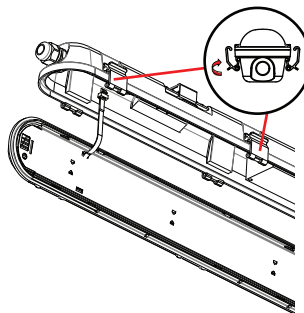
**STEP 1:** Switch OFF the power before starting the installation.



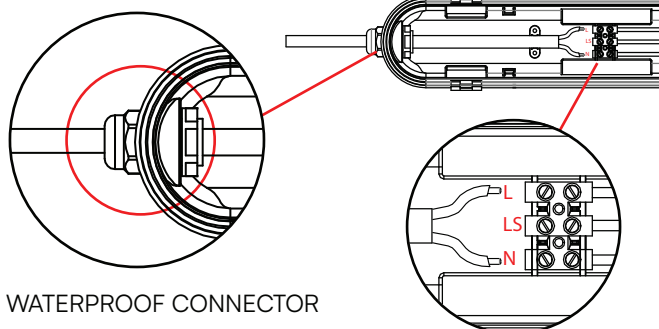
**STEP 2:** Fix the mounting brackets onto the ceiling using screws and expansion plug(included). Please refer to table 1 for installing the mounting bracket distance points.



**STEP 3:** Mount waterproof lamp onto the mounting brackets.

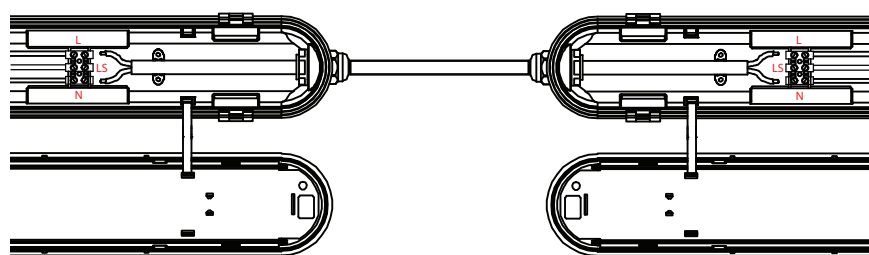


**STEP 4:** Open the side clips of waterproof fitting and open the diffuser as shown in the diagram.



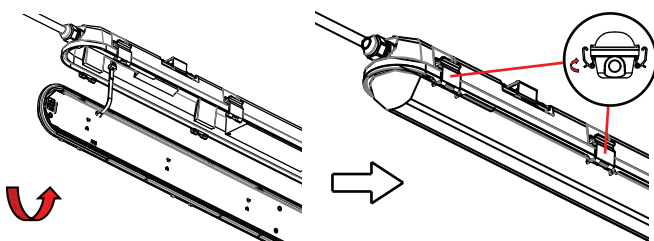
**STEP 5:** Wiring 1st waterproof fitting from both the ends - Fasten the waterproof connector clockwise from the first end and insert the cable through the waterproof connector and wire into the terminal block from one end.

**Note:** For Maintained and Non-Maintained wiring please refer to the wiring diagram.



**STEP 6:** Fasten the waterproof connector from other end of the waterproof fitting and insert the wire into the terminal block. Using the same cable fasten the waterproof connector of the 2nd waterproof fitting and wire into the terminal block.

**STEP 7:** Install the diffuser to the waterproof fitting and close the clips.



WATERPROOF  
END WIRE

**STEP 8:** Wire the waterproof fitting to the main power supply. Ensure to use waterproof terminal block [not included].

**STEP 9:** Switch ON the power to test the light.

### IMPORTANT NOTES

- This product contains battery type "Secondary" (rechargeable).
- Electrical and electronic equipment that has become waste is known as old equipment/device. Old devices must not be disposed of with other household waste.
- Owners of old devices at the end of its service life must return the device by taking them to the collection points set up by public waste disposal authorities or distributors. This return does not entail any costs for you.
- Owners of old devices have an obligation to remove accessible batteries / rechargeable batteries as well as non-destructively removable lamps from the old device prior to return. This does not apply if old devices are being prepared for reuse with the participation of a public law firm.
- Battery removal warning: The battery contained in this product must be removed only by professional personnel only. The battery must never be removed by the end user, if not removed correctly it could damage the battery which could cause fire.
- Batteries removed from an old electronic device should be disposed of separately. This return of battery does not entail any costs for you and the user is obliged to

return the battery.

- Please make sure that this product is not powered on when removing the battery. Fire hazard! Avoid short-circuiting the contacts of a detached battery. Do not incinerate the battery. Please handle the battery with Caution!
- If electrical appliances or batteries are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.



- The symbol of "Crossed rubbish bins" indicates that this product should not be disposed of with other household wastes and must be collected separately from unsorted municipal waste at the end of its service life.
- Please use the link below to view the online directory of the collection and return points: <https://www.ear-system.de/ear-verzeichnis/sammel-und-ruecknahmestellen>