



Meaningful Innovation.

INSTRUCTION MANUAL

LED STREET LIGHT WITH ADJUSTABLE ANGLE



IP65
RATING



TECHNICAL DATA

MODEL	VT-55ST	VT-105ST	VT-156ST	VT-205ST
SKU	236186, 236196	236206, 236216	244906, 244896	244926, 244916
WATTS	50W	100W	150W	200W
LUMEN@WIDE CODE	4700 Lm	9400 Lm	14100 Lm	19000 Lm
BEAM ANGLE	100°	100°	100°	100°
ADJUSTABLE ANGLE	180°	180°	180°	180°
DF	>0.9	>0.9	>0.9	>0.9
CRI	≥80	≥80	≥80	≥80
OPERATION TEMPERATURE	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C	-20°C to +40°C
LIFE SPAN [HOURS]	50,000	50,000	50,000	50,000
ON/OFF CYCLE [TIMES]	25,000	25,000	25,000	25,000
INPUT VOLTAGE	AC 220—240V 50/60Hz			
IK RATING	IK06			
MOUNTING DIAMETER	60 mm	60 mm	60 mm	60 mm
MOUNTING HEIGHT	3-5m	3-5m	3-5m	3-5m
MAX. PROJECTED AREA	20-25m ²	25-30m ²	30-40m ²	40-50m ²
NET WEIGHT (G)	670	1035	1354	1656
BODY TYPE	Aluminium+PC	Aluminium+PC	Aluminium+PC	Aluminium+PC
DIMENSION	412×139×92 mm	488×183×92 mm	524×187×92 mm	565×207×92 mm

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 6 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.



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product should not be disposed
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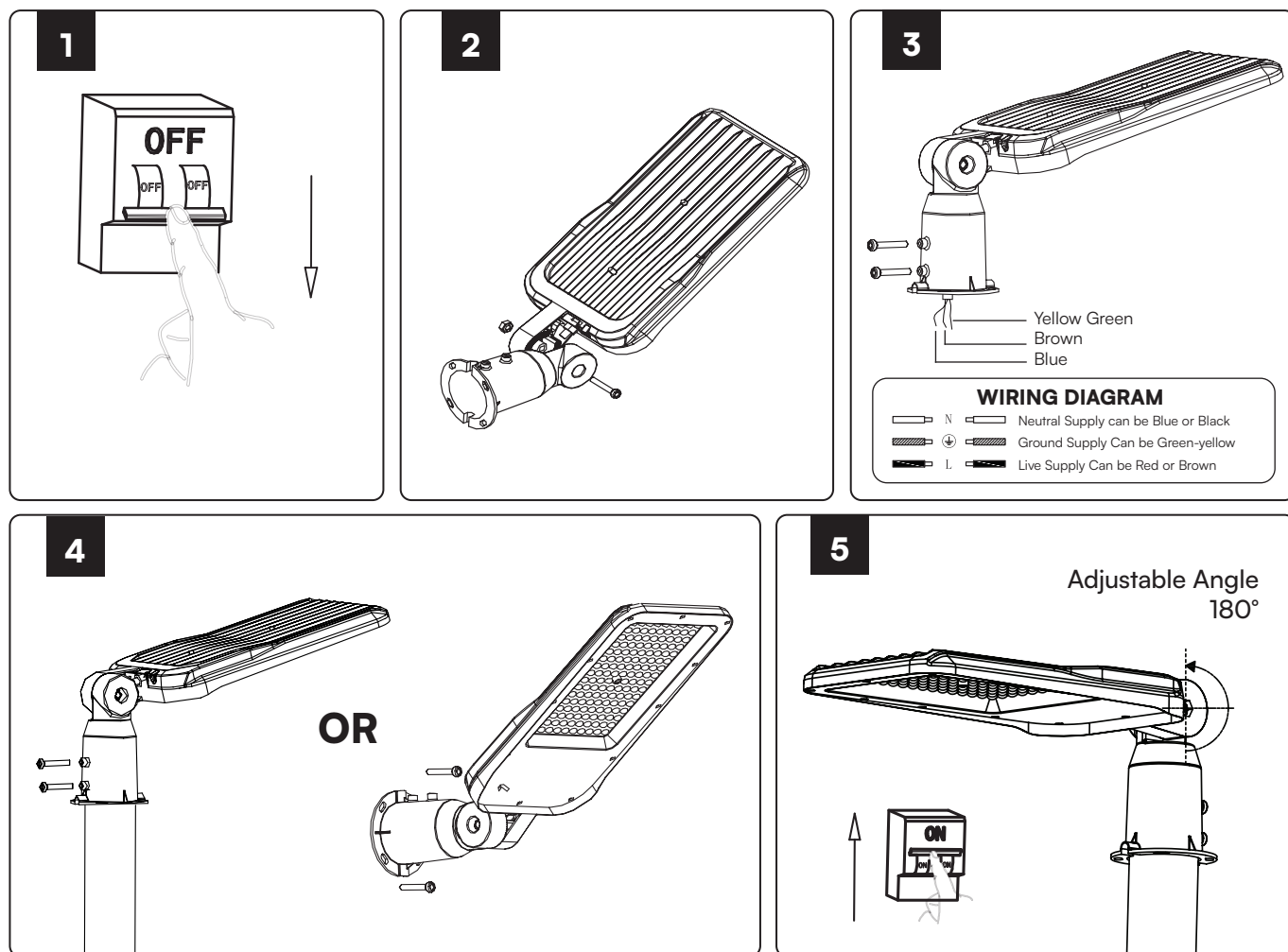


Caution, risk of electric shock.

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 contained in this luminaire shall only be replaced by the manufacturer or their service agent or a skilled person
4. The control gear of this luminaire is a non-replaceable component; when the control gear reaches its end of life the whole luminaire shall be replaced.
5. if the external flexible cable or cord of this luminaire is damaged, it shall be replaced by the manufacturer or their service agent or a skilled person
6. Terminal block not included. Must be connected to waterproof terminal box.
7. Proper grounding should be ensured throughout the installation.
8. Replace any cracked protective shield.  → 
9. Minimum distance from lighted objects 1m.  → 

INSTALLATION DIAGRAM



INSTALLATION INSTRUCTIONS

1. Switch off the power supply before starting the installation.
2. Connect the wiring to the luminaire according to the wiring diagram:

Brown wire → Live (L)

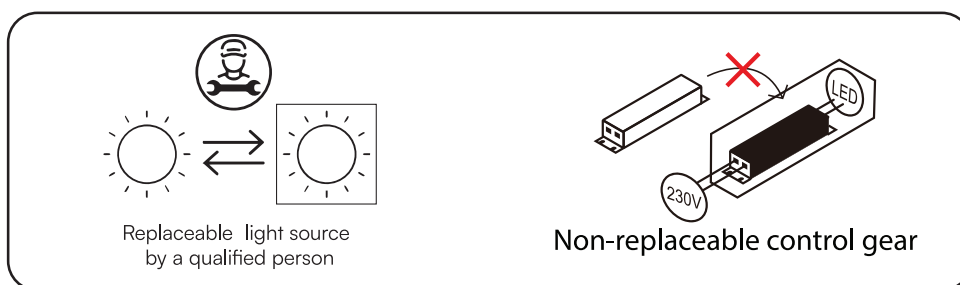
Blue wire → Neutral (N)

Yellow/Green wire → Ground (Earth)

Ensure that a 3-core power cable is used and that the ground wire is properly earthed.

Recommended outer wire stripping length: 250 mm $\pm$ 10 mm.

3. Loosen the M6 screws using a screwdriver and mount the street light onto the pole. Once positioned correctly, tighten the M6 screws securely to ensure the fixture is firmly installed. Alternatively, the luminaire may be mounted directly onto a wall.
4. Adjust the angle of the street light within a 180° range to achieve the desired lighting direction.
5. Switch on the power supply and test the lamp.



NOTE

- The power supply must be connected to the terminal block inside the junction box. The junction box shall have an IP rating higher than that of the luminaire and must include a secure cable fastening device.
- The internal terminal block shall comply with EN 60998-2-1 or EN 60998-2-2 specifications, with the following minimum requirements:

Three terminals

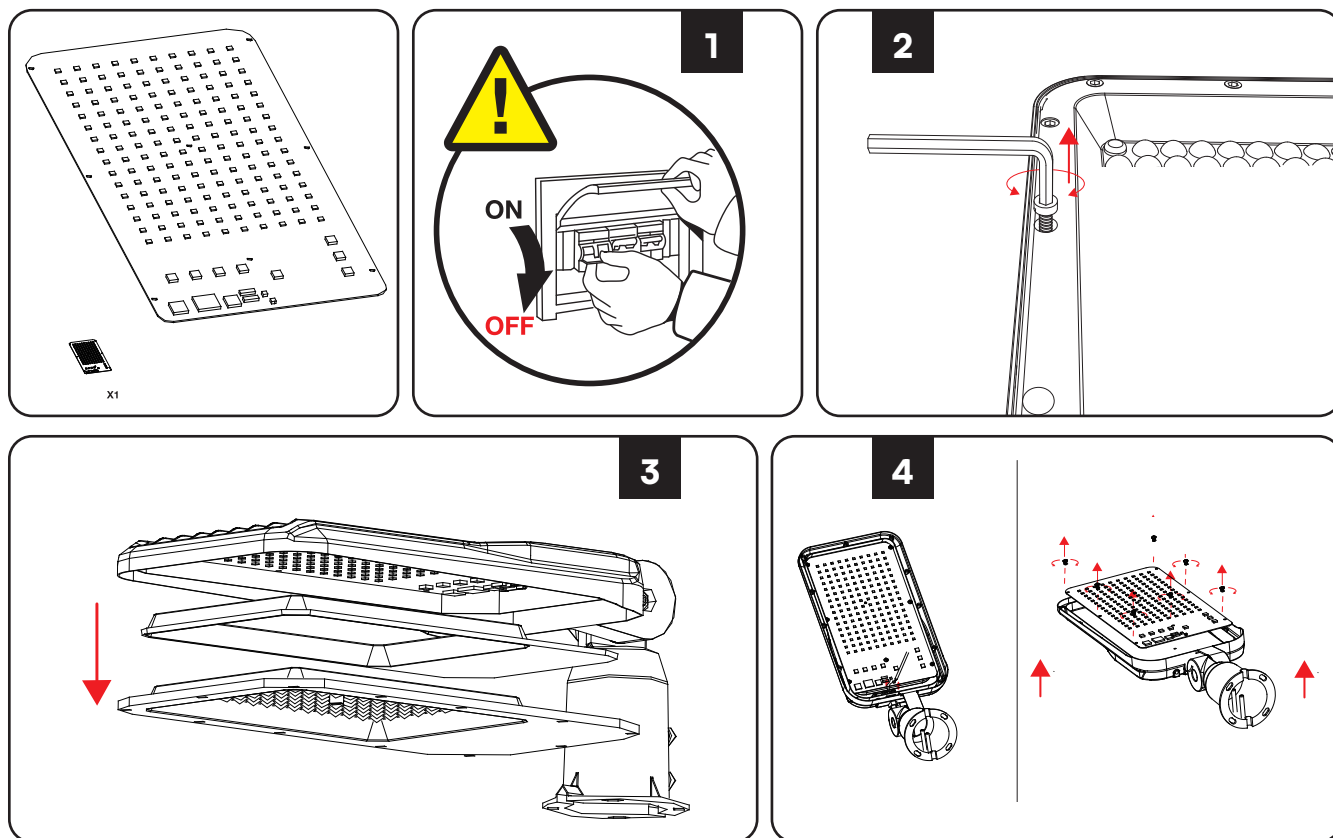
Rated voltage: minimum 250 V

Conductor size: 1.0-2.5mm²

- The user is responsible for preparing all necessary accessories and spare parts required for installation, including the junction box. Spare parts are not supplied with the product.
 - Before installation, inspect the luminaires carefully to ensure there is no damage, deformation, or defect.
 - During installation and maintenance, protect the luminaires from impact or damage. Ensure all fittings are securely fastened. Connect the luminaire body to the lighting pole using appropriate screws, ensuring that the tightening torque does not exceed 10.5 N·m.
 - During maintenance and installation, verify that all components remain intact. Replace any damaged or defective parts immediately.
 - The luminaire is equipped with a double-insulated power cable. In the event of cable damage or breakage, replacement must be carried out by a qualified professional to avoid potential hazards.
 - It is normal for the surface temperature of the luminaire to increase during operation.
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DISMANTLING INSTRUCTIONS

(For Market surveillance team only)



Note

- Light source removal will void the warranty.
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.



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.
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