



INSTALLATION & MAINTENANCE MANUAL

VVA4x / VVA5x / VVAEMKIT

GENERAL INSTRUCTIONS

These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.

These instructions should be used to aid installation of the following products:

VVA4BK / VVA4W / VVA5BK / VVA5W / VVAEMKIT

SAFETY

- These products must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when these luminaires are fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- Please note the IP (Ingress Protection) rating for these products when deciding the location for installation
- Do not overload this accessory or subject it to conditions outside its rating
- These products are for indoor use only
- **VVA4x / VVA5x** are Class I and must be earthed
- **VVAEMKIT** is Class II and double insulated
- These products are IP20 rated

INSTALLATION

Note - Microwave sensors may not be suitable for all installations, for example enclosed spaces, as they are able to detect movement through non-metallic surfaces like plasterboard and thin doors.

- Using the brackets as a template, mark the location for, and drill the fixing holes ensuring not to infringe with any gas/water pipes or electrical cables (see Fig. 1)
- This product also supports suspended fitting via use of optional kit (**5FTT5KIT**)



Fig. 1

- Open back plate by inserting/pressing down with a flat screwdriver in cut-out shown (see Fig. 2)



Fig. 2

- Connect to the mains supply ensuring the correct polarity is observed: SL – Switched Live (brown), L – Unswitched Live (brown), E – Earth (green/yellow), N – Neutral (blue) (see Fig. 2). Two cables can be inserted into the push-fit terminal block for loop-in/loop-out wiring

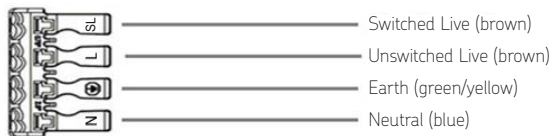


Fig. 3

CCT (Colour Temperature) Adjustment

- Choose the required colour temperature by means of the three-position switch



Driver Wattage Adjustment

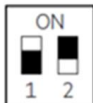
- Choose the required power via the DIP switch located on the driver. For UGR <19, set to lowest wattage

Note – Please switch off the mains prior to adjusting power settings

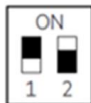
VVA4x



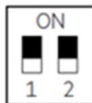
17W



20W

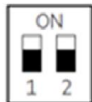


34W



36W

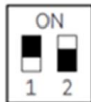
VVA5x



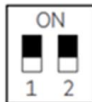
20W



28W



38W



42W

Standard configuration

- Product comes pre-wired as standard luminaire. Internal wires/connectors should be configured as follows
- A – unused
- B (Driver feed to LEDs) connected to C (CCT switch feed to LEDs)

Emergency Mode configuration - VVAEMKIT (optional kit required)

Product can be converted to emergency mode by following steps described below:

- Fit **VVAEMKIT** onto locating holes using screws supplied
- Connect lead **A** from connector block to **A(EM)** from emergency kit
- Connect lead **B** from driver to **B(EM)** from emergency kit (driver, male connector)
- Connect lead **C** from CCT switch to **C(EM)** from emergency kit (LED, female connector)
- Fit emergency mode indicator LED into pre-drilled holder (roughly in centre of fitting)
- Switch on and check for correct operation ensuring the green indicator LED is illuminated
- We recommend, on commissioning the installation, a minimum charge period of 24 hours before carrying out an emergency duration test

WARNING

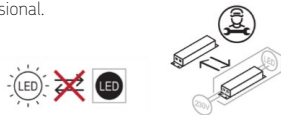
These products must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed.

GENERAL

These products contains a light source listed below to Regulation (EU) No.2019/2015 and (UK) 2021 No. 1095.

- VVA4BK - Class D
- VVA4W - Class D
- VVA5BK - Class D
- VVA5W - Class C

These products contains a non-replaceable LED light source and a control gear which can be replaced by a professional.



Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product.

Installing in areas where the temperature consistently drops below 0°C may shorten the battery life (when used with **VVAEMKIT**).

These products are non-dimmable

These products should be dismantled for disposal when it reaches the end of its life. Please see website for dismantling instructions.

These products should be recycled in the correct manner when it reaches the end of its life.

Check local authorities for where facilities exist.

The battery in the **VVAEMKIT** are Lithium Ion and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

WARRANTY

VVA4x / VVA5x products have a warranty of 5 years and **VVAEMKIT** has a warranty of 3 years (including battery). Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

TESTING FOR EMERGENCY LUMINAIRES

Recommended routine test procedure in accordance with BS5266:

- Daily check – check LED charge indicator is illuminated
- Monthly functional test – simulate a mains supply failure by switching off circuit breaker. Check brightness reduces, and LED indicator remains illuminated. Restore supply by turning breaking ON, ensure LED indicator remains illuminated.
- Annual 3-hour duration test – simulate a mains supply failure for 3-hours continuous by switching off circuit breaker. Check brightness reduces, and LED indicator remains illuminated for the 3-hour duration. Ensure normal supply is restored after test and ensure charge indicator remains illuminated.
- If the luminaire fails any of the above tests, please contact a qualified electrician. See below for test record sheet

SUPPLIED BY:

(UK) MANUFACTURER

ML ACCESSORIES LTD, UNIT E CHILTERN PARK,
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,
WWW.MLACCESSORIES.CO.UK

(EU) AUTHORISED REPRESENTATIVE

SLV LIGHTING GROUP,
DAIMLERSTRASSE 21-23,
52531 ÜBACH-PALENBERG, GERMANY
EMAIL: EPREL@GROUP.SLV.COM

MADE IN CHINA

230V
50Hz



IP20



>85
CRI

-20 ~
50°C
TA



ML
ACCESSORIES LTD



CE **UK**
CA



52

TEST RECORD SHEET											
INITIAL COMMISSIONING 3 HOUR TEST		SIGNED				DATE					
MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE	SIGNED	DATE
1	FUNCTIONAL										
2	FUNCTIONAL										
3	FUNCTIONAL										
4	FUNCTIONAL										
5	FUNCTIONAL										
6	FUNCTIONAL										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	3 HOUR										

Installed by:

Installation date:

Contact number: