



INSTALLATION & MAINTENANCE MANUAL

**BATMCDA4 / BATMCDA5 / BATMCDA6**  
**MODEMKITDA**

## GENERAL INSTRUCTIONS

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

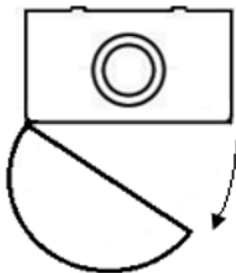
**These instructions should be used to aid installation of the following products:  
BATMCDA4 / BATMCDA5 / BATMCDA6 / MODEMKITDA**

## SAFETY

- This product 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 of 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
- These products are Class I and must be earthed
- These products are IP20 rated

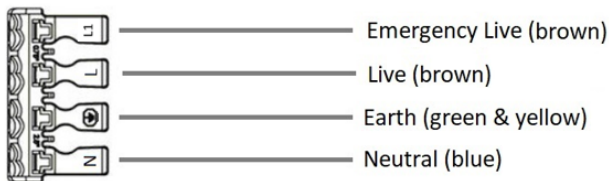
## INSTALLATION

- Provide power to the required point of installation
- Squeeze the sides and hinge the diffuser away from the fitting (see Fig. 1)



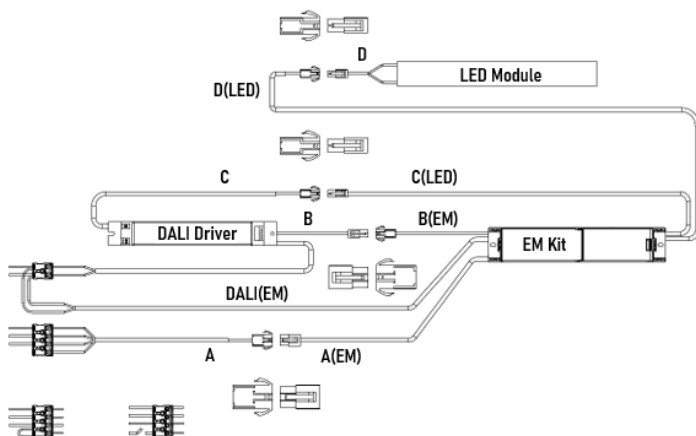
**Fig. 1**

- Mark the location of the fixing holes and drill the holes ensuring not to infringe with any gas/water pipes or electrical cables. The fitting can also be mounted over conduit boxes – the distance between fixing centres is 600mm
- Feed the cable through the cable entry point and secure the luminaire to the surface
- Ensuring correct polarity is observed, carefully wire as shown in Fig. 2. Two cables can be inserted into the push-fit terminal block to achieve loop-in/loop-out wiring



## MODEMKITDA

- Install by using the clips to secure them in place
- Luminaire with emergency mode, connect the connectors labelled A from the terminal block to A(EM) from the emergency module, connector labelled B from the driver to B(EM) emergency module, connector labelled C(LED) from emergency module to C LEDs and connectors labelled (D(LED)) from emergency module to D LEDs
- Ensure that the battery is connected by opening the emergency module pack and the battery connector on the PCB
- Ensure LED indicator is connected, mounted on holder located on end cap correctly and visible from outside



Maintained wiring

Non-Maintained wiring

**NOTE:** For **MODEMKITDA**, there are 2 x wires Red – (Live), Black (Neutral) which needs to be wired into the terminal block labelled **DA** from the emergency module.

**NOTE:** The **MODEMKITDA** is sold separately

- Select the required colour temperature via the three-position switch on the rear of the luminaire
- Refasten the cover
- 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
- The test button can be used to simulate a power failure to test the lamp and battery operation. This can be used to carry out monthly functional testing providing the battery holds at least a small charge

## **ACTIVATING CORRIDOR FUNCTION**

This function can be activated in two ways:

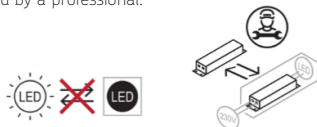
- To program the corridor function using software, a DALI-USB interface is needed in combination with a DALI PS. The software can be the Tridonic master CONFIGURATOR
- To activate the corridor function without using software, a voltage of 230V has to be applied for five minutes at the switchDIM connection. The unit will then switch automatically to the corridor function

## 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.

## GENERAL

These products contain a light source of energy efficiency class D for **BATMCDA4** and class C for **BATMCDA5/ BATMCDA6** to Regulation (EU) No. 2019/2015 and (UK) 2021 No. 1095. This product 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.

This product is DALI compatible. Relevant DALI software and control gear is required for use of this functionality.

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

This product 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 **MODEMKITDA** is Lithium Ion and must be disposed of correctly. Please contact the local authorities for the disposal of this toxic waste.

## WARRANTY

This product has a warranty of 5 years (including battery) from date of purchase. 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 for approx. 30 seconds by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- Annual 3-hour duration test – simulate a mains supply failure for 3-hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and ensure charge indicator is illuminated
- If the luminaire fails any of the above tests, please contact a qualified electrician. See below for test record sheet

| TEST RECORD SHEET                    |            |            |      |             |      |            |      |             |      |            |      |
|--------------------------------------|------------|------------|------|-------------|------|------------|------|-------------|------|------------|------|
| INITIAL COMMISSIONING<br>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:

**SUPPLIED BY:**

**(UK) MANUFACTURER**

**ML ACCESSORIES LTD**, UNIT E CHILTERN PARK,  
BOSCOMBE ROAD, DUNSTABLE LU5 4LT,  
[WWW.MLACCESSORIES.CO.UK](http://WWW.MLACCESSORIES.CO.UK)

**(EU) AUTHORISED REPRESENTATIVE**

**SLV LIGHTING GROUP**,  
DAIMLERSTRASSE 21-23,  
52531 ÜBACH-PALENBERG, GERMANY  
**EMAIL:** [EPREL@GROUP.SLV.COM](mailto:EPREL@GROUP.SLV.COM)

MADE IN CHINA

**230V**  
**50Hz**



**IP20**

**>85**  
**CRI**

**-20~+**  
**45°C**  
**TA**



**ML**  
ACCESSORIES LTD



**UK**  
**CA**



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