

**USER MANUAL**

1. If the external flexible cable or cord of this luminaire is damaged, it must be replaced only by the manufacturer or its service representative or a similar qualified person to avoid a hazard.
2. Battery replacement is necessary when, after the relevant recharging period, they no longer meet their rated operating time.
3. The light source and battery in this luminaire should only be replaced by the manufacturer or its service representative or a similar qualified person to avoid a hazard.
4. Terminal block not included. Installation must be carried out by a qualified person. We recommend using a terminal block with the following specifications for the mains connection of the product. (2-Pin Inline Terminal Block, Heat Resistant, No:0 (0.75-1.5 mm<sup>2</sup>), 400V-17.5A)
5. Reinforced insulation is provided between the supply circuit and the battery circuit (charging mode)
6. Basic isolation is provided between the emergency unit circuit and accessible parts (emergency mode)
7. Basic insulation is provided between the LV supply and control conductors.
8. Product for operating an LED Bar continuously from the emergency lighting source and when failure occurs in the normal lighting source (maintenance mode)
9. To reduce the risk of strangulation, flexible cables connected to this luminaire must be effectively secured to the wall if the cables are within arm's reach



Flush Mounted luminaires are not suitable to be covered with thermal insulation material.

**TEST PROCEDURE**

After the unit has been installed, a 24 hour charging cycle must be performed. Check the LED indicator to make sure that the batteries are charged. To check operation, turn off the main supply or use the TEST switch for a short time. After any test it is necessary to make sure that the LED indicator is lit.

- a) Monthly Test: Functional test once a month for visual check of the LED indicator and function test with test switch.
- b) Annual Test: Operational test once a year for the last 3 hours.

**INSTALLATION and WIRING**

For Surface Mounting: Mount the suspension/apart of the luminaire to the ceiling or wall according to the dimensions shown in Figure 1.

- a) For Suspended Mounting: Mount 2 mounting brackets to the ceiling according to the dimensions shown in Figure 2 and mount the luminaire to these brackets with suspension wire.
- b) For Flush Mounting: Cut the ceiling opening to 335 x 55 mm and insert the luminaire into the ceiling by turning up the mounting springs as shown in Figure 3.
- c) For Flag Mounting: Mount the luminaire's flag apart on the wall according to the dimensions shown below Figure 4.
- d) Connect the supply cable to the supply cable of the luminaire using a connector.

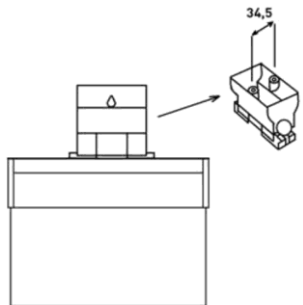


Figure 1: Surface Mount (SU)

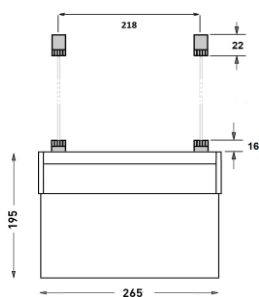


Figure 2: Suspended Mounting (SUMA)

**EMERGENCY LIGHTING FIXTURE TEST RECORD FORM**

Test	Year 1		Year 2		Year 3		Year 4		Year 5		
	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	Signature	
1	Operational										
2	Operational										
3	Operational										
4	Operational										
5	Operational										
6	Extended	1 Hour Operation									
7	Operational										
8	Operational										
9	Operational										
10	Operational										
11	Operational										
12	Extended	1 Hour Operation				3 Hour Operation					

**EMERGENCY LIGHTING TEST REGISTRATION PAGE**

Installation date : ...../...../.....  
 INSTALLATION ENGINEER TEST REPORT  
 LED charging indicator lights : .....  
 Full charge/discharge test : .....

**ARMATURE POSITION**

Duration: .....  
 Armature Type : .....

**Armature Type**

Telephone:.....  
 Replacement lamp : .....  
 Backup battery : .....

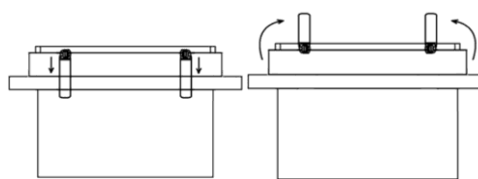


Figure 3: Flush Mount (SA)

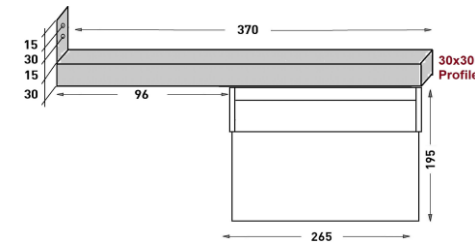
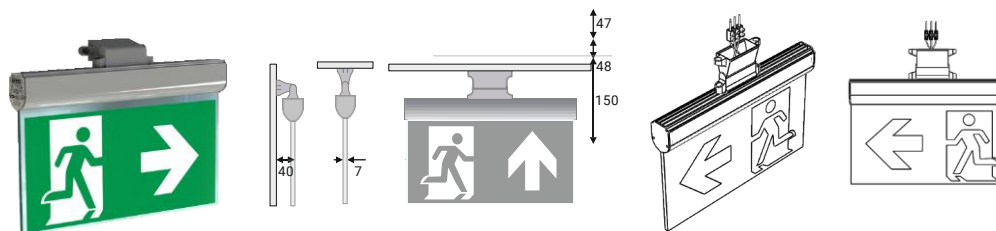


Figure 4: Flag Assembly (DYA)

**Assembly Guide**



**Packaging Dimension**

