



**Knightsbridge**<sup>®</sup>  
the mark of quality

## INSTALLATION & MAINTENANCE MANUAL EMSWING



**230V**  
50Hz



**IP**  
20



**ML**  
ACCESSORIES LTD



**RoHS**  
COMPLIANT

**CE**



54





## GENERAL INSTRUCTIONS:

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

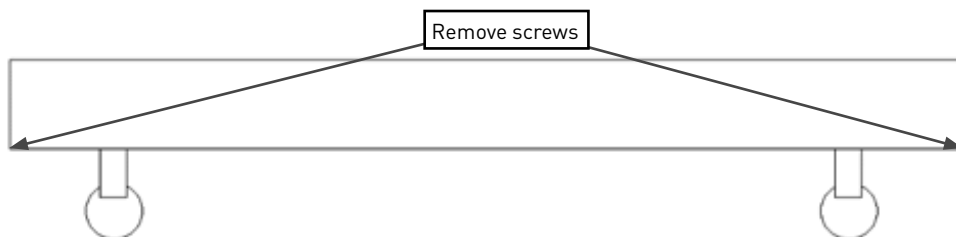
These instructions should be used to aid installation of the following product:  
EMSWING

## SAFETY:

- Installation of this luminaire should only be carried out by a qualified electrician or competent person to the latest Building and current IEE Wiring Regulations (BS7671)
- Please isolate mains prior to installation/maintenance
- Check the total load on the circuit (including when this luminaire is fitted) does not exceed the rating of the circuit cable, fuse or circuit breaker
- This product is Class 1
- This product is non-dimmable
- This product is IP20 rated

## INSTALLATION:

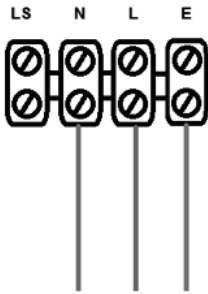
- Provide power to the required point of installation
- Remove the 2 screws at either end of the suspension housing and remove the back plate, see Fig 1



**Fig 1**

- Using the back plate as a template, mark the location for, and drill, 2 fixing holes ensuring not to infringe with any joists, gas or water pipes or electrical cables
- Feed the mains cable through the cable entry hole and secure the back plate to the surface
- Connect mains cable into the screw-fit terminal block ensuring correct polarity is observed, see Fig 2, Fig 3 and Fig 4 for un-switched maintained, un-switched non-maintained and switched maintained wiring diagrams





L	Live	Brown
N	Neutral	Blue
E	Earth	Yellow & green
LS	Switched Live	

Fig 2: Non-Maintained operation

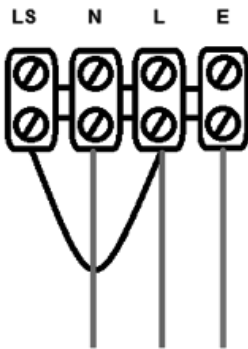


Fig 3: Unswitched Maintained

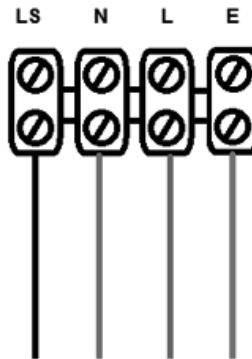


Fig 4: Switched Maintained operation

- Refit the exit sign to the top cover ensuring all 4 lugs lock into place
- Switch on the power supply and check for correct operation

## 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.

Recommended routine test procedure in accordance with BS5266.

**Daily check** – check that the status GREEN LED indicator is illuminated.

**Monthly functional test** – simulate a mains supply failure for approx. 30 secs by operation of key switch or switching off a circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.

**Twice yearly conduct a one hour duration test** - simulate a mains supply failure for one hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.

**Annual full three hour duration test** - conduct a three hour continuous duration test. Simulate a mains supply failure for three hour continuous test by operation of key switch or switching off circuit breaker. Ensure normal supply is restored after test and the indicator status LED is illuminated.

If the luminaire fails any of the above tests, please contact a qualified electrician. See overleaf for test record sheet.





## GENERAL

The LEDs fitted in this product are non-replaceable. The unit should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist. Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the fitting.

## WARRANTY

This product has a warranty of 3 years (excluding the battery) from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations, improper use, or removal of the batch codes 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.

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

Installed by:

Installation date:

Contact number:



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