

## USER MANUAL OF FLEXILED MODEL EMERGENCY LUMINAIRE

### TECHNICAL SPECIFICATIONS

System Mode	: Maintained
Mains Supply	: 230VAC, 50-60Hz, max 0.02A, max 3VA
Lamp	: 10 pieces SMD type, PLCC 3528 package, min 6 Lumen/pc, cool white LED lamps
Battery	: High-temperature type Ni-MH battery block with polarised connector, nominal 3.6 Volt (3.0-4.5VDC), 300mAh
Charger	: Two state current controlled charger, max 24 hours charge time, green LED indicator
Duration	: 1 hour
Class	: Class I, IP 20, Automatic Self-Test included
Environmental	: 0 / +40°C, 95% RH max
Construction	: Aluminium (anodized) silver housing with replaceable signs sheets

### INSTALLATION INSTRUCTIONS

**WARNING** : Only authorized persons are allowed to install, commission and maintain these electrical appliances. To avoid electrical shocks, the mains voltage should be disconnected from the mains circuit breaker before any intervention.

1. The appliances are suitable for indoor use. They should be installed on a clean and dry surface. The appliances should not be placed close to any heat and/or humidity source.
2. Make sure that the mains line comes as an unswitched line directly from the circuit breaker's output.
3. To install the appliance, first remove the top side mounting cover
4. Drill a mounting and cable entry holes. The luminaire is suitable both wall & ceiling mount.
5. Install the top cover to the wall or ceiling.
6. Be sure that mains voltage disconnected than connect the mains supply wires to the terminal block.
7. Arrange the right direction signs on the sign plate than fix the signs to the corners of the plate.
8. Fix the luminaire to the mounted top cover slightly than assembly to the two side white plastic fixing parts.
9. Apply the mains voltage.

**! For a complete charge, leave the batteries on charge for at least 24 hours at the beginning**

### OPERATING INSTRUCTIONS

1. When the mains voltage is connected; the battery pack automatically charges. A minimum charging period of 24 hours is absolutely necessary at the commissioning stage and following every complete discharge.
2. FlexiLED illuminates when the mains voltage is on. On power failure, it still illuminates supplied from the battery.
3. When the mains voltage is again on, the operation continues automatically as explained above.
4. The luminaire tests itself every 15 days during 1 minute. (Function Test)
5. The luminaire tests itself every year during 1 hour. (Functional & Rated Duration Test)

### TEST INSTRUCTIONS

1. For starting the self-test function manually press the TEST button.
2. For "Functional Test" press min 1 seconds.
3. For "Functional & Rated Duration Test" press min 10 seconds. (It starts if a mains voltage is not disconnected during 72 hours)
4. If lamp fault occurs right side indicator LED color goes to RED. Check the LEDs and replace the board.
5. If battery fault occurs, right side indicator LED color goes to blinking RED, check the battery and replace it by a new one.
6. When lamp or battery fault occurs, after replacing the part, reset the luminaire by pressing the TEST button min 1 seconds.
7. Record the test results.

●●●●●●●●●●	Continuous Green	: (any time) Normal
●●○○●●○○	Slow Flash Red	: (any time) Battery disconnected
●●○○●●○○	Slow Flash Green	: Test in progress
●○○●○○●○○	Fast Flash Red	: Battery failure
●●●●●●●●●●	Continuous Red	: Lamp failure

**WARNING**: Do not dismantle any part of the appliance, do not drill or bore. It does not contain any parts repairable by the installer or user. Any of those kind of unauthorized interventions will cancel the warranty conditions.

### BATTERY REPLACEMENT OPERATION

1. Take the side cover with label, push in the nail with a screwdriver through the hole as shown on the picture,
2. Open and take out the side cover,
3. Pull both boards slightly for about 2cm,
4. Disconnect wires from the terminal block,
5. Pull both boards out,
6. Replace the battery pack,
7. Push gently both boards back inside through their slide,
8. Connect the wires to the terminal block and close the side cover.



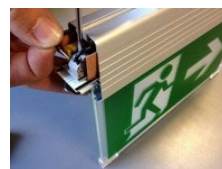
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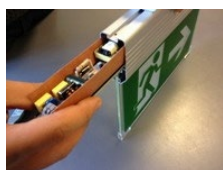
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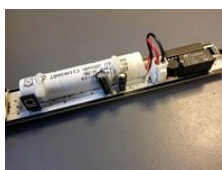
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