INSTRUCTION FOR AUTOMATIC TEST OPTION
(AUTO TEST FUNCTION FOR EMERGENCY FIXTURE)

1. **Install LED exit sign according to installation instruction sheet .**

2. **Once the unit is powered up it will automatically initiate a self test and diagnostics as follows:**

    • Always checking : Checks functional for battery connection status, charging circuit status.

    • Every month : Performs a 3 minute functional test , check for battery voltage, mains to battery change over function, LED lamp.

    • Every year : Performs a 1 Hour or 3 Hour duration test .

    All test functions are factory preset and do not need field adjustment .

3. **Dual color indicator LED status Meanings .**

    • Green   Solid On   Ready / Normal Operation
                    Flashing   Testing   (Functional test or Duration test)

    • Red   Requires Service

●	One flash, 4 second pause	Battery is not connected	During normal operation
●●	Two flashes, 4 second pause	Battery voltage is too low	Funtional test / duration test
●●●	Three flashes, 4 second pause	Charging circuit failure	Funtional test (during normal operation)
●●●●	Four flashes, 4 second pause	Mains to battery change over failure	Funtional test
●●●●●	Five flashes, 4 second pause	LED lamp failure	Funtional test / duration test

NOTE

After repairing a service fault, press and hold the test button for 2 seconds to reset the flashing indicator light to green .
If fixture without test switch facility, two flashs fault have to turn off AC supply and resume, LED indicator will turn to green.
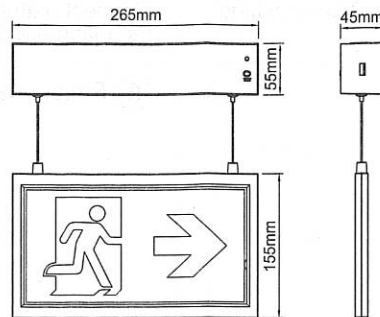other fault LED indicator will turn to green automatically if fault been repaired.

4. Manual Testing .

Press test button once	30 seconds functional test
Press test button twice within 2 seconds	3 minutes functional test
Press test button 3 times within 2 seconds	30 minutes functional test
Press test button 4 times within 2 seconds	1 or 3 hours duration test

EFFEKTA

INSTALLATION INSTRUCTIONS FOR LED EXIT SIGN

CE ▢ IP40 24m ⊙

Product Feature

Power Supply	: 220-240VAC, 50/60 Hz	Emergency Duration	: 1 Hour / 3 Hours
Power Consumption	: Max. 5.2W	Protection Class	: II
Ambient Operating Temp	: 0°C...+40°C	IP Rating	: IP40
Charge Time	: 24 Hours	Function	: AUTO test and Manual test
Operation	: Maintained and Non maintained	Installation	: Wall mount or Ceiling mount
		Viewing distance	: 24m

Precautions

This product should be installed by a registered electrician in accordance with local standards and electrical regulations. Take care to ensure the mains supply is isolated before installation.

Service & Operation

Normal Operation: The green indicator light on the front of the unit stays on. The indicator will turn off if the mains supply fails, the internal charger malfunctions, or the unit in test mode.

Battery: LiFePO4 rechargeable battery pack. Battery should be replaced when the required duration is no longer achieved. To avoid any damage to the fixture and ensure its performance, the battery should be replaced with same brand and type.

Test Switch: Press the test switch button, LED indicator will turn off and the sign will be illuminate from its battery pack. The light source of this luminaire is not replaceable,when the light source reaches its end of life the whole luminaire shall be replaced.
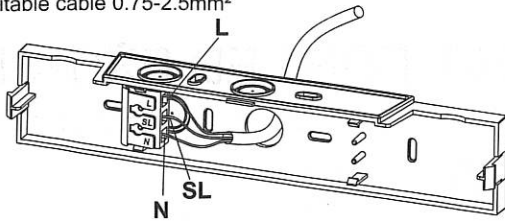
Mounting Instructions

① Dispart mounting plate

ⓐ Insert flat screwdriver into slot on side of unit, pry off and remove the mounting plate from unit.
ⓑ Disconnect AC connector from PCBA.

② Wall mounting or Ceiling mounting

ⓐ Knock out appropriate center cable entry hole and mounting screw hole on the mounting plate.
ⓑ Route AC supply wire through center hole of mounting plate.
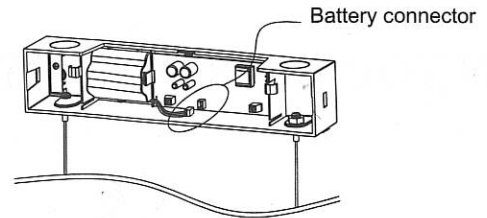ⓒ Fix mounting plate on the mount surface with screws and anchor nuts.

③ Wiring connection
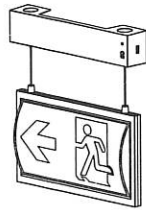
Suitable cable 0.75-2.5mm²

Connect the AC supply wire to terminal block. Refer to wiring instruction showed below.
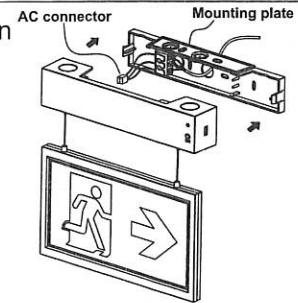
④ Battery connect

Connect battery male and female connector inside of mounting bracket.

⑤ Change pictogram when necessary

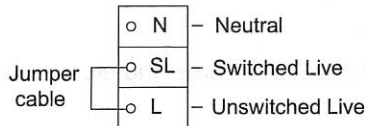Remove the pictogram on the unit, select other pictogram you need then insert into slot of panel.

⑥ Finish installation

Snap AC supply on PCBA and then snap fixture to mounting plate.
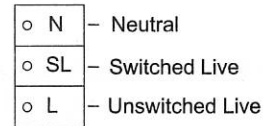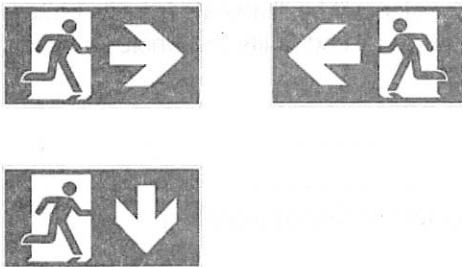
Wiring Instructions

Maintained Wiring

Jumper cable

N	– Neutral
SL	– Switched Live
L	– Unswitched Live

Maintained (default operation):
Connect L,N and leave jumper cable connected.

Non-Maintained Wiring

N	– Neutral
SL	– Switched Live
L	– Unswitched Live

Non-maintained:
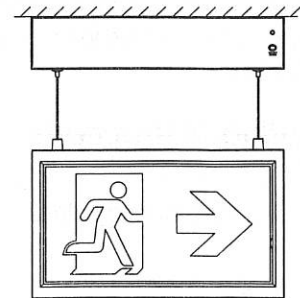Connect L,N and remove jumper cable.

Pictogram Styles

Mounting Options

Wall mounting   Ceiling mounting

Technical Information

Art.no.	Input Voltage	Charge Duration	Discharge Duration	Battery (LiFePO4 14500)	Power Consumption	LEDs
960604	220-240V~ 50/60Hz	24h	1 h	3.2V 600mA	3.5W Max.	SMD 2835 14 pcs