



INSTALLATION INSTRUCTION SHEET

ATTENTION



- This product shall be installed by a qualified electrician and installed in accordance with latest IEE electrical regulations or the manufacturer's requirements.
- The light source of this luminaire is not replaceable. When the light source reaches its end of life the whole luminaire shall be replaced.

TECHNICAL DATA

Rated Power supply	220-240VAC 50/60Hz
Operation	Non-Maintained
Power consumption	10W
Power output	20W
Battery type inbuilt	LiFePO ₄
IP Rating	IP65
Ambient Temp	0~45°C
Test facility	Manual test and Auto test
Protection Class	Class II
Installation	Wall mounting

SERVER & OPERATION

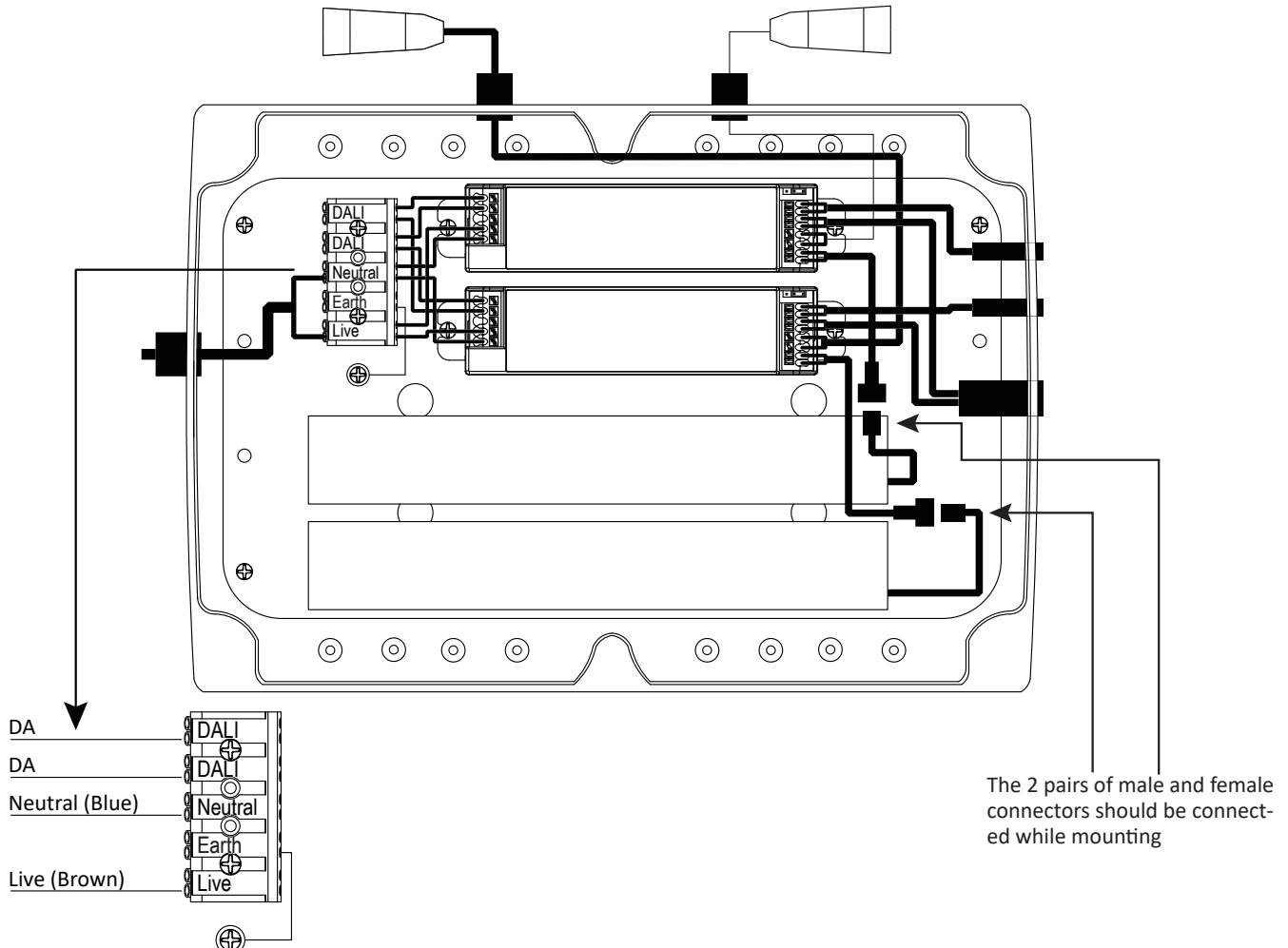
Normal Operation: Maintained or Non-Maintained Emergency operation.

Battery: Sealed Lithium Iron Phosphate(LiFePO₄) rechargeable battery pack. Battery should be replaced when the required duration is no longer achieved. In case of a replacement, same brand and type of battery pack must be used.

Test Switch: Press the test switch button, LED indicator will turn off and the LED sign will be illuminate from its battery pack.



WIRING INSTRUCTION



EFFEKTA

WALL MOUNTING STEPS

1

gasket plate

enclosure

Put the gasket plate to the back surface of the enclosure.
Note: Align the 4-holes on the gasket plate to the holes on the enclosure.

2

Mount the enclosure to the wall by 4 self taped screws through the 4 holes in the enclosure to the wall.

3

Make sure the 2 pairs of battery connectors connected

4

Mount the front cover to the enclosure by 6 M4 screws after all wires be connected

TEST OPERATION

Commissioning Test -

Connection of the mains supply will initiate commissioning, where the battery will remain on charge for an uninterrupted 24 hours.

An interruption of the mains supply will reset the counter to zero.

After 24 hour the luminaire will be put into a duration test for the rated period.

Immediately followed by another 24 hours charge period.

Function Test -

A 5 seconds function test is carried out at 1 week interval.

Duration Test -

A full rated duration test is carried out automatically at 52 weeks interval.

STATUS of LED

● Indicator Green	● Indicator Red		
— Stable Green	— Stable Red	Working well	LED Failed
- - - Fast Flashing	- - - Fast Flashing	Function Test	Charger Failed
- - - Slow Flashing	- - - Slow Flashing	Duration Test	Battery Failed
○ LED Off		In Emergency Operation	

Note:

Fast Flashing: LED indicator flashes 10 times in 1 second;

Slow Flashing: LED indicator flashes 1 time in 1 second.