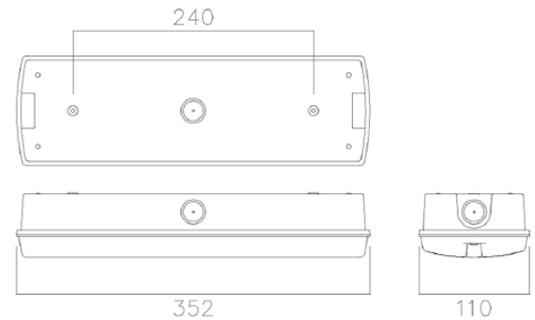


Dear Valued Customer, allow us to thank you for purchasing our product. Please read the following instructions carefully and follow them to ensure that your product serves you safely and to your full satisfaction. Doing so will avoid improper use or damage to the product. Avoid incompetent manipulation with the device and always adhere to the general principles of using electric appliances. Carefu.

The device may only be installed by a person qualified under Decree No. 50/1978 Coll. as amended, as a minimum by a qualified worker pursuant to Section 5, Decree No, 50/1978 Coll. as amended.

## TECHNICAL PARAMETERS

<b>Voltage</b>	AC 220 - 240V
<b>Output</b>	4W
<b>Luminous flux</b>	200lm / 130lm in emergency mode
<b>Operating temperature</b>	-20° C to 50° C
<b>IP class</b>	IP65 (dustproof and waterproof)
<b>Battery life</b>	min. 3 hours
<b>Battery type</b>	LiFePo4 3,2V 1000mAh
<b>Protection class</b>	II



## INSTALLATION AND CONNECTING

1. Prior to installation turn off power supply.
2. Unscrew two screws on the front side of the light fitting and remove the transparent cover. Then push the two latches and lift off the plate.
3. Select one of the marked holes for the power cord (on sides, at the front or at the bottom) and drill a hole with a hole punch. Put the supplied rubber grommet into the hole.
4. Drill two holes marked with the screw symbol on the bottom of the light fitting and use them as a template to mark holes in the wall.
5. Drill 5mm holes and insert the supplied dowels.
6. Slide the power cord through the drilled hole and fix the light fitting to the wall with the supplied screws.
7. Connect the two-pin battery connector to the base board connector marked "BAT".
8. Use permanent marker to mark the date of commissioning on the battery.
9. Connect power supply: see sections Connection with permanent lighting; Connection with lighting in case of power failure only; Connection with lighting in case of power failure only with external switch
10. Before testing insulation resistance for voltages higher than 250 V, make sure that the light fitting is disconnected.
11. Screw the transparent cover back on.
12. Switch on power supply. The green LED should light up green. Let the battery charge for 24 hours.
13. When charging is complete, disconnect the power supply and check that the light fitting remains on for at least 3 hours.

## CONNECTING

### Connection with lighting in case of power failure only

With this connection, the light fitting will remain switched off until a power failure. The power cord is plugged in so as to only charge the battery. In the event of a power failure, the light fitting will light up for three hours. The green LED is lit when the battery is charging. For connection see Fig. 1.

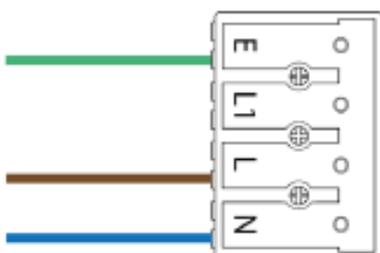
### Connection with permanent lighting

With this connection, the light fitting is lit permanently. In the event of a power failure, the light fitting will automatically switch to battery power. For connection see Fig. 2.

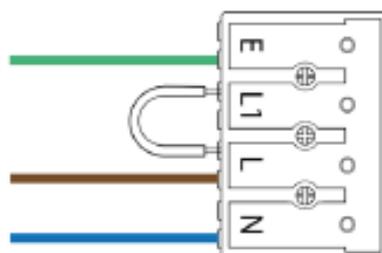
### Connection with lighting in case of power failure only with external switch

With this connection, a 230 V wire is fed from a power switch to the L1 socket and the light fitting is lit. In case of a power failure, the light fitting will automatically switch to battery power. The switch can be used to turn the light on and off, while the battery is constantly charging. The green LED is lit when the battery is charging. For connection see Fig. 3. Install a switch or another suitable device to turn the light on and off. The switch is not included in the delivery.

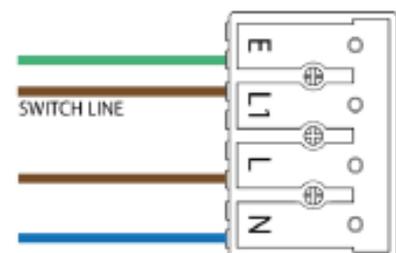
**Figure 1**



**Figure 2**



**Figure 3**



### Functional test

The correct functioning of emergency lighting must be regularly tested in accordance with the applicable regulations and practices. For safety reasons, testing should be performed in broad daylight.

- designate a person in charge of the testing
- check daily that the green LED on the light fitting is lit (battery charging)
- every month briefly cut off power supply to test the functionality of emergency lighting. To do this, press the test button on the light fitting.
- every month six month cut off power supply for an hour and check that the emergency lighting is on during this time
- after three years and then every year test the battery life for three hours
- if either test fails, replace the battery: product code WN527ND

Automatic testing					
Mode	Execute	When	Then LED indicator	Then sound signal	Demo
1. Once connected to the power supply, the battery starts charging for 24 hours. Then, after 15-30 days, it will randomly trigger a 3-hour long half-yearly test. 2. During the monthly test, the light fitting will automatically switch to battery power for around 10 seconds randomly once in a period of 30 days. 3. The half-yearly test will be run automatically every 180 days and serves to test the battery life and the overall functionality of the light fitting.					
Power supply on	Nothing	No errors	Green (lit)	No signal	
	Nothing	Battery failure	Red: Flashes every second	Beep every 45 seconds	
	Nothing	LED failure	Yellow: Flashes every second	Beep every 45 seconds	
Power supply on Monthly test: Battery lighting mode for 10 seconds	To activate, press and hold the button for 3 seconds. Then a double beep will sound	Battery OK	All LEDs are off	After 10 seconds, the green LED will light up	
		Battery failure	Red: Flashes every second	Beep every 45 seconds	
		LED failure	Yellow: Flashes every second	Beep every 45 seconds	
Power supply on Half-yearly test: Battery lighting mode for three hours	To activate, press and hold the button for 6 seconds. Then a triple beep will sound	Battery OK	All LEDs are off	After 3 hours, the green LED will light up	
		Battery failure	Red: Flashes every second	Beep every 45 seconds	
		LED failure	Yellow: Flashes every second	Beep every 45 seconds	
Power supply failure	The automatic control will switch the light fitting to battery lighting mode	Battery OK	All LEDs are off	No signal	

### Note

- In the event of a power failure, the light fitting will switch to emergency mode. To turn off the light fitting, press and hold the button for 10 seconds and then release.
- When the power supply is restored, press the button within one second. The light fitting will be tested for proper functionality. The test takes 10 seconds.
- If both the battery and the LED fail, the red LED will flash quickly.
- As soon as the defects are rectified, the sound signal will stop automatically.
- To trigger manual test, push the button shortly. The test takes approx. 10 seconds.

### Maintenance

Before performing maintenance, disconnect power supply and let the light fitting cool down. Clean with a dry or slightly damp cloth. Do not use cleaning agents containing abrasives and solvents. Before performing maintenance, disconnect power supply and let the light fitting cool down. Clean with a dry or slightly damp cloth. Do not use cleaning agents containing abrasives and solvents.

The product has been issued with a CE declaration of conformity in accordance with the applicable regulations. On request from the manufacturer: [info@solight.cz](mailto:info@solight.cz), or downloadable from [www.solight.cz/en](http://www.solight.cz/en).



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