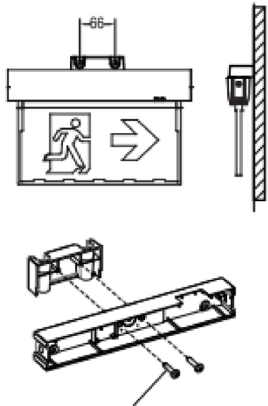


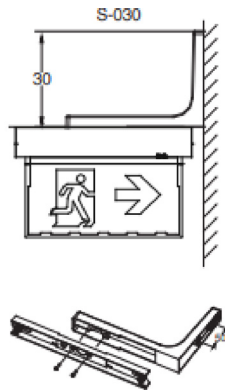
Optional accessory, Accessories after order

1. Wall Mounting (unit:mm)



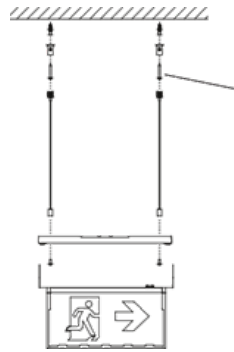
Screws: ST 2.9x9.5 2pcs

2. Flag Mounted on a wall (unit: mm)



Place the included mounting screws for the flag mounting base

3. Chain Mounting



Screws: ST 3.9x30 2pcs



Self-Contained Emergency Lighting  
NL55



LEDmaxx GmbH  
Wiesenweg 2  
97353 Wiesentheid

Mains voltage	220-240V AC 50/60Hz
Rated power	5.5W
Power factor	0.45
Battery ( LiFeP04)	3.2V/1.5Ah
Battery Life	Up to 4 years
Battery protection	Overcharging and deep discharging protection
Recharging time	24h
Minimum emergency duration	3h
Degree of protection	IP40
Produced in accordance with	IEC 60598-2-22
Correlated Color Temperature	5700K-7200K
Operation Temperatur range	ta:40°C
Viewing distance	24m
Exit signs	Replaceable
Guarantee	2 years

## GENERAL

These luminaires are used indoors (ta 40°C) connected to mains power supply. In normal operation the led strip lights and the battery is charging. In case of a mains power supply failure the luminaire will light the led strip automatically in emergency mode (powered by its battery).

When the mains power supply is restored the device turns to normal operation.

## OPERATION

**Battery Charging** The battery charging is completely controlled. Thereby, the best possible battery maintenance is achieved, as well as the elongation of its life. When the battery has completely charged, it charges with a maintenance current.

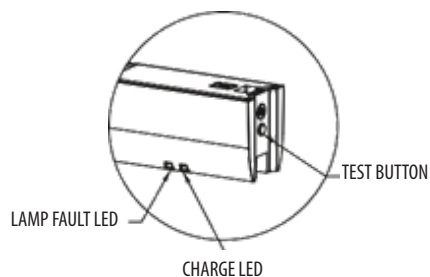
## BATTERY CUT-OFF

The luminaire enters in this operation when the mains power supply fails and battery has lost its energy. During this operation the luminaire enters the idle state and battery consumption is negligible, in order to be protected from deep discharge.

## INDICATOR LIGHT

Green light flashes when the battery is charging. When the battery is fully charged, the green light is always on; The battery is open or the battery is shorted, and the yellow light flashes.

## Indicator light and test button schematic



## MANUAL TEST

- When the luminaire is in the main power state, press and hold the test button, turn into the emergency state, release the test button and switch to the main power state;
- When the luminaire is in the main power state, press the test button twice in succession, the green indicator light flashes rapidly, and the analog luminaire is transferred to the monthly inspection emergency function. The emergency duration is automatically transferred to the mains state after 25~35 (seconds);
- When the lamp is in the main power state, press the test button 3 times continuously, the green indicator light flashes rapidly, and the analog lamp is transferred to the semi-annual inspection emergency function. The emergency duration is automatically transferred to the main power state after 30~35 (minutes);
- If the luminaire simulates the annual inspection emergency function, when the emergency duration is less than 30 minutes, the yellow indicator light flashes, indicating that the luminaire is faulty;
- When the monthly and annual inspections are being simulated, the simulation is cancelled and the test button is pressed again to enter the main power state.

## AUTOMATIC TEST

Automatic Autonomous test includes monthly and semi-annual test.

## INSTALLATION

To install the illumination sign you must follow the installation instructions.

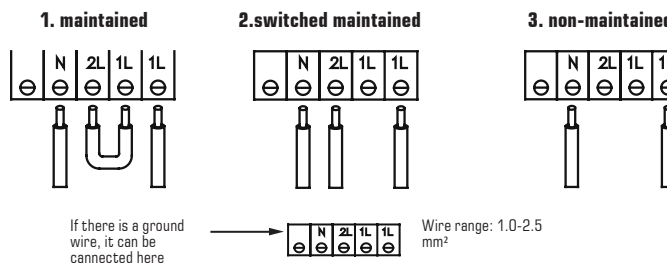


Replacing the battery needs to be done by the electrician and strictly following the instructions.  
Non-replaceable Light source.

## INSTALLATION INSTRUCTION ELECTRICAL CONNECTIONS

**N: neutral**      **1L: Live**      **2L: switched live**

The luminaires with 2L on the connector terminal can be switched on and off. You have to take out the red strap and use a switched live supply.



## NOTE:

After finishing the installation you must charge the luminaire at least for 24 hours to perform the nominal autonomy.

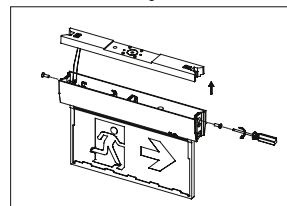
### General:

1. Installation maintainable or testing must be done by authorized personnel only.
2. The device must be connected to the mains power supply through a fuse dependent by the total amount of the line's power load.

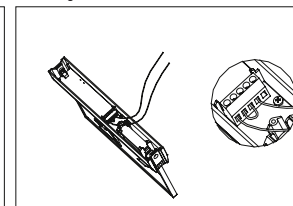
**Select the appropriate installation method according to the product sub-model. Installation of wall mounted luminaires (single side luminaire) (unit: mm)**

**Installation of Ceiling mounted luminaires (single side or double side luminaire) (unit: mm)**

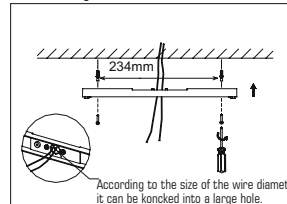
1. Remove the mounting cover



2. Wiring



3. Mounting cover mounted on the ceiling



4. Lock the lamp body

