

	SDUX-B24H-5 SDWX-B24H-6	SDUX-B32H-7 SDWX-B32H-8 SDCX-B38H-9 SDWX-B38H-10	SDCX-S24H-11 SDWX-S24H-12	SDCX-S32H-15 SDWX-S32H-16 SDCX-S38H-19 SDWX-S38H-20	SDUX-S24L-13 SDWX-S24L-14	SDUX-S32L-17 SDWX-S32L-18
Mains voltage	220-240VAC 50/60Hz					
Rated power	5.5W	8W	5.5W	8W	5.5W	8W
Power factor	0.45					
Battery (LiFePO4)	3.2V/1.5Ah	3.2V/3Ah	3.2V/1.5Ah	3.2V/3Ah	3.2V/1.5Ah	3.2V/3Ah
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 60598-1 IEC 60598-2-22					
Operation temperature range	ta:40 °C					
Viewing distance	24m	32m 38m	24m	32m 38m	24m	32m
Exit signs	Not replaceable		Replaceable			
Guarantee	3 years (1 year for the battery)					

### 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.

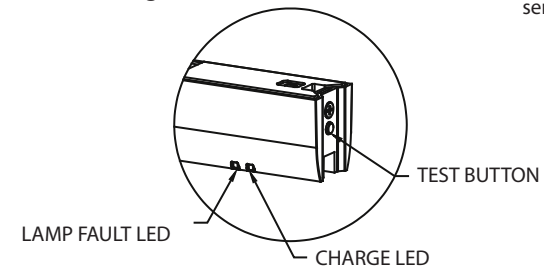
### Battery Cut-off

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



### INSTALLATION

To install the illumination sign you must follow the installation instructions on pages 3,4 and 5.



The battery is non-replaceable and when it no longer meet their rated duration of operation after the corresponding recharge period, the whole luminaire needs to be replaced.

For non-user replaceable light sources:  
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

### 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 Autonomous Test

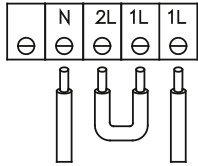
Automatic Autonomous test includes monthly and semi-annual inspections.

**INSTALLATION INSTRUCTIONS**  
**ELECTRICAL CONNECTIONS**

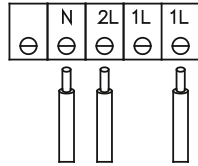
**N:neutral 1L:live 2L:switched live**

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.

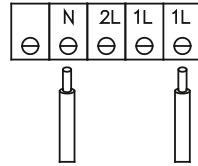
**1. maintained**



**2. switched maintained**



**3. non-maintained**



If there is a ground wire, it can be connected here.



Wire range: 1.0-2.5 mm<sup>2</sup>

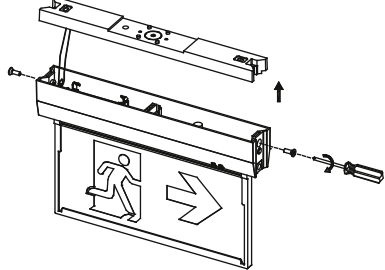
**NOTE!! After finishing the installation you must power the luminaire at least for 24 hours for battery charging to perform the nominal autonomy.**

**General:**

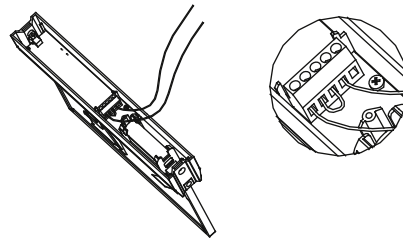
1. Operations for installation, maintenance or testing must be done by authorized personnel only.
2. The device must be connected to the mains power supply through a fuse dependent by the total amount of the line's power load.

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

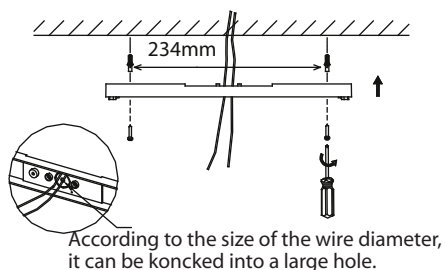
**① Remove the mounting cover**



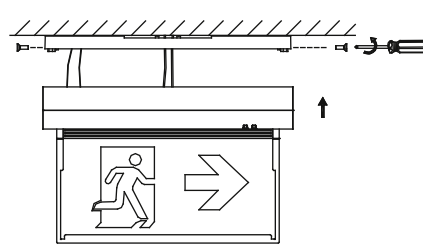
**③ Wiring**



**② Mounting cover mounted on the ceiling**

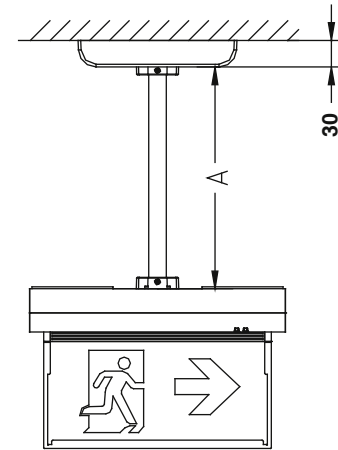


**④ Lock the lamp body**



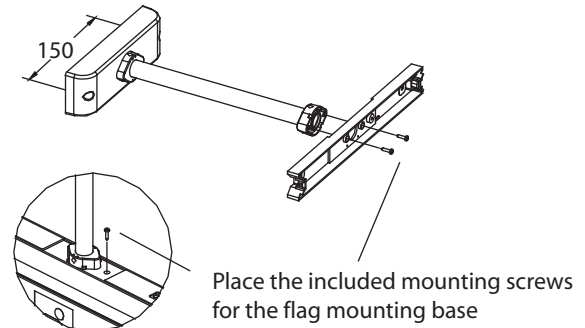
**Optional accessory, Accessories after order**

**1. HANGING INSTALLATION (unit: mm)**

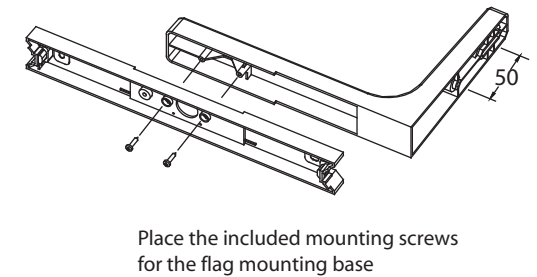
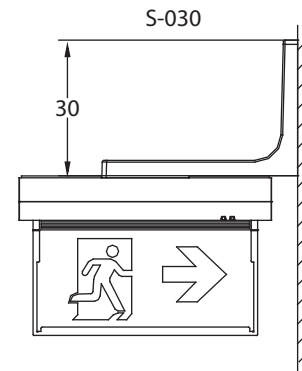


**OPTIONAL AFTER REQUEST**

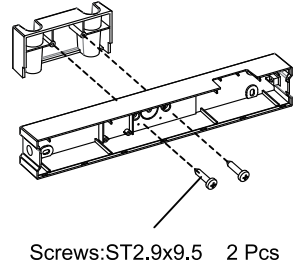
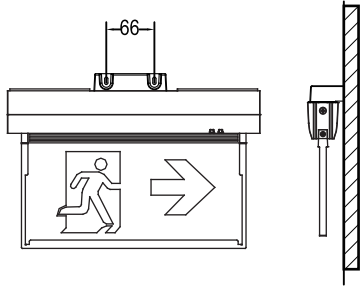
T-025	A=0.25m
T-050	A=0.5m
T-100	A=1m



**2. FLAG MOUNTED ON A WALL (unit: mm)**

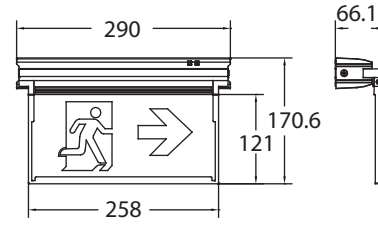


### 3. Wall mounting (unit:mm)

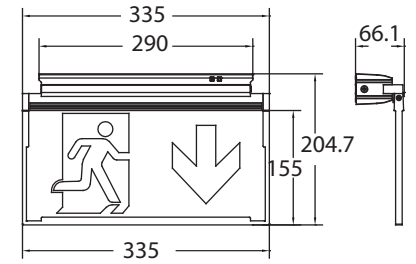


### External dimensions (unit:mm)

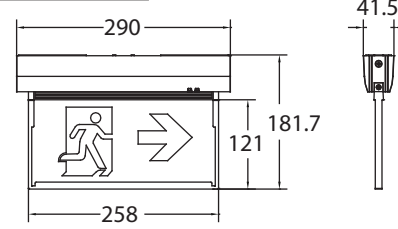
**SDWX-B24H-6**



**SDWX-B32H-8**



**SDUX-B24H-5**



**SDUX-B32H-7**

