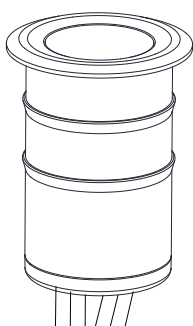


Sensor Switches of LC12B Series User Manual

Thank you for choosing this products.Please read the instruction manual before use,so that can use it properly.

01 | Product introduction

- Appearance structure diagram



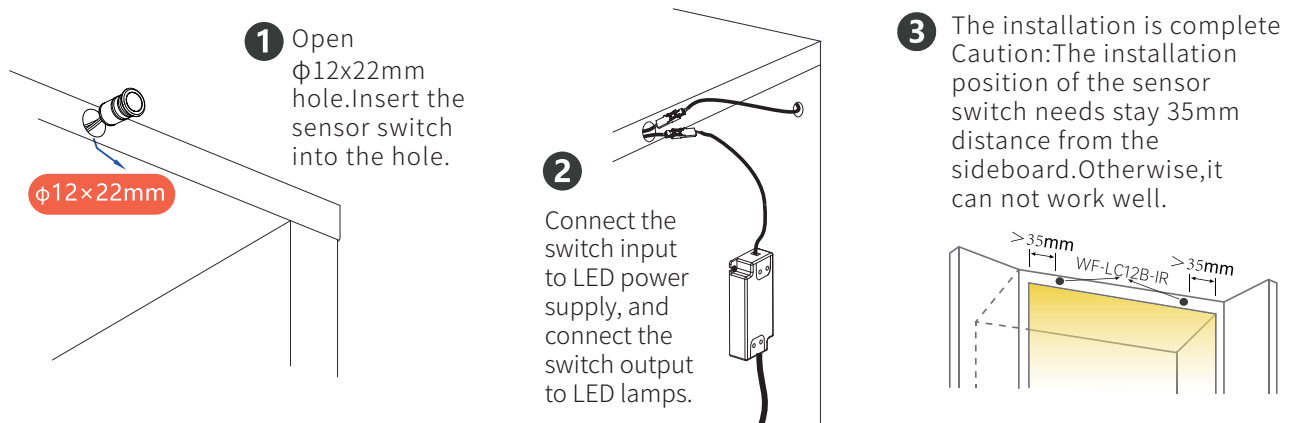
Model		Function Description	Sensing Distance
WF-LC12B-IR	Connected to the LED light, the led light will .turn on/off when open/close the door.	With 3s gradually lighting on/off.	3-6CM
WF-LC12B-IR-NF		Without 3s gradually lighting on/off.	
WF-LC12B-GIR	Hand swing/swing again to the sensor for turning on/off the led light.	With 3s gradually lighting on/off.	3-6CM
WF-LC12B-GIR-NF		Without 3s qradually lighting on/off.	

- ✦ Protection functions: overload protection, short circuit protection.

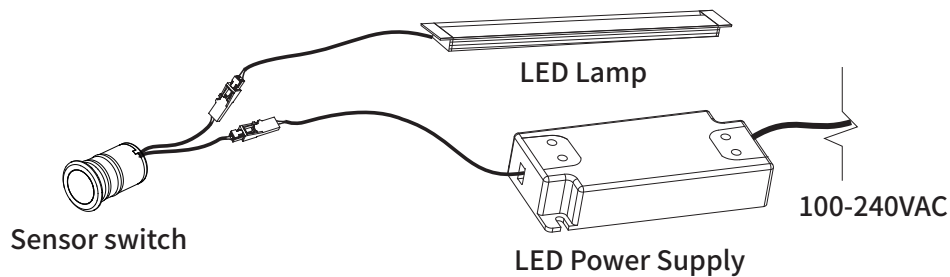
02 | Parameter

Model				
Parameter	WF-LC12B-IR	WF-LC12B-IR-NF	WF-LC12B-GIR	WF-LC12B-GIR-NF
Input voltage	DC5-24V			
Max. output current	3A			
Max. load power	36W@12V			
Installation way	Recessed			
Hole size	φ12x22mm			
Storage temp.	-20°C~+60°C			
Working temp.	-20°C~+40°C			
Flammability rating	94V0			
RoHS	yes			

03 | Instructions



04 | Connection Diagram



05 | Notes

- In order to use the product to achieve good effect, it is recommended to use the dedicated power supply provided by our company.
- Complete the connection with load before the electricity.
- Pay more attention to the output end to avoid short circuit when the input & output are without connector.
- Door Switch(IR):
The output will be turned off when detect the overloading or short circuit, and re-start every 2 seconds (The LED flashes every 2s), decrease the loading to recover.
- Hand Swing Switch(GIR):
a) The output will be turned off when detect the overloading or short circuit.
b) Keep the hand still to adjust the brightness, leave to stop.
c) The sensor adjusts the sensing distance by itself when sense the barrier for 15 seconds continuously.