

Sensor Switches of WF-LC12S 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



These 4 sensor switches(Function: turning on/off, dimming) are for furniture lighting WF-LC12S-IR(Door Sensor)/WF-LC12S-GIR(Hand Swing Sensor&Dimmer)/WF-LC12S-PIR(Motion Sensor)/WF-LC12S-TD(Touch Dimmer).

Model		Function Description
WF-LC12S-TD		Touch Sensor: Turn on/off and dimming(10%-100)
WF-LC12S-GIR		Hand Swing Sensor: Turn on/off and dimming(10%-100).
WF-LC12S-IR		Door Sensor: Turn on/off after open/close the cabinet door.
WF-LC12S-PIR		Motion Sensor: The led will turn on when people come; turn off in about 30s after people leave.

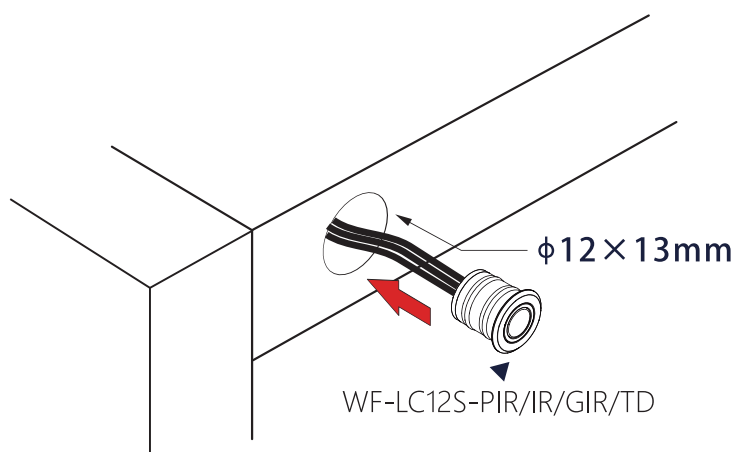
02 | Parameter

Model		WF-LC12S-PIR	WF-LC12S-IR	WF-LC12S-GIR	WF-LC12S-TD
Parameter					
Size		Φ 14.5×15mm	Φ 14.5×14mm		
Cut-out Size		Φ 12×13mm			
Shell	Materia	AL			
	Color	Black			Silver
Installation Method		Recessed Mounted			
Input Voltage		DC12-24V(±5%)			
Switch Model		Motion Sensor	Door Sensor	Hand Swing Sensor	Touch Sensor
Sensing Distance		≤2m	3-6mm	3-8mm	☒
Dimmer		☒		Stepless Dimming	
Protect Rating		IP20			
Flame Rating		94-V0			

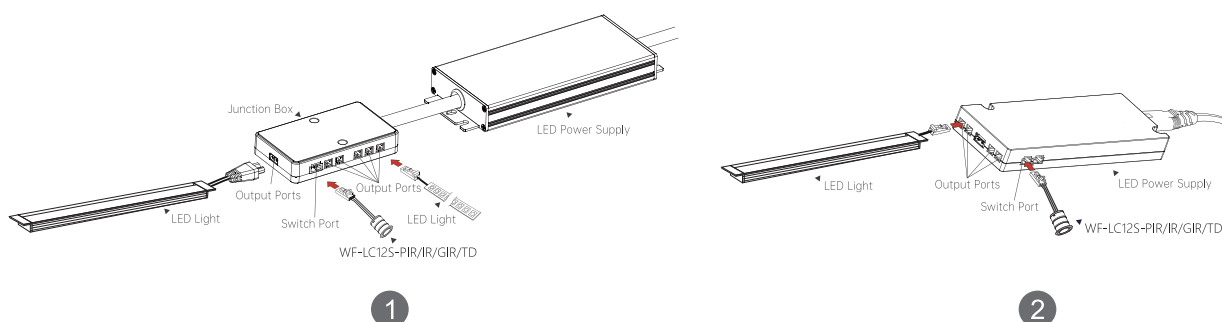
Working Temperature	-20~+40°C
Storage Temperature	-20~+60°C
RoHS	☒

Remarks: The test environment temperature is (25±2%)°C;

03 | Instructions



04 | Connection Diagram



05 | Notes

- This series sensor switches need to work with our controller or our power supply which is with built-in controller.