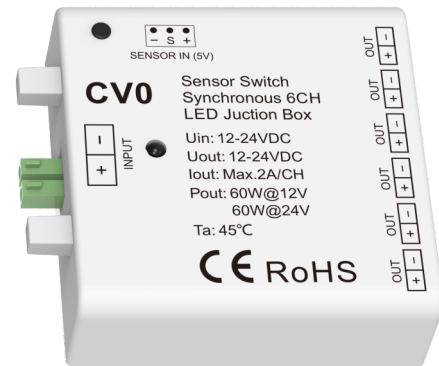


# Sensor Switch Synchronous 6CH LED Junction Box

Model No.: CV0

## Features

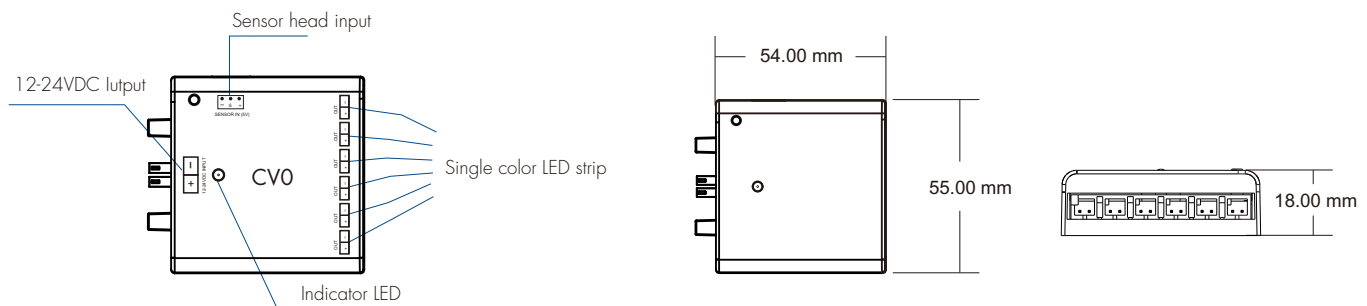
- Dimming interface: sensor switch
- Match with a variety of induction sensor head optional
- 12-24VDC Input
- 6 channel synchronous constant voltage output, Max. total output power 60W
- Ultra-thin design, light weight and high efficiency
- Suitable for indoor LED lighting application
- 5 Year, 50,000hr warranty



## Applications

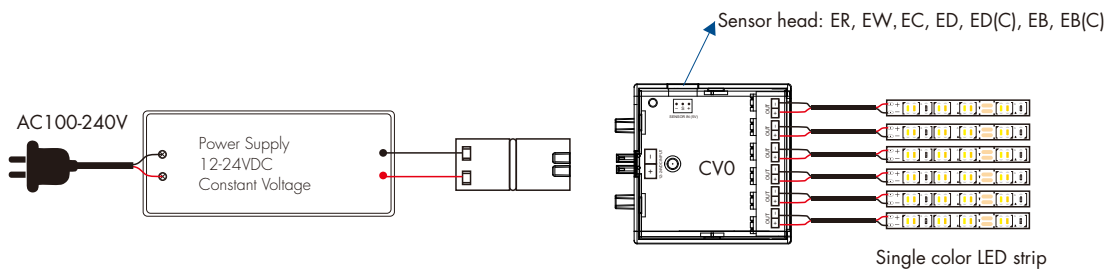
- Suitable for cabinet LED strip.

## Mechanical Structures and Installations

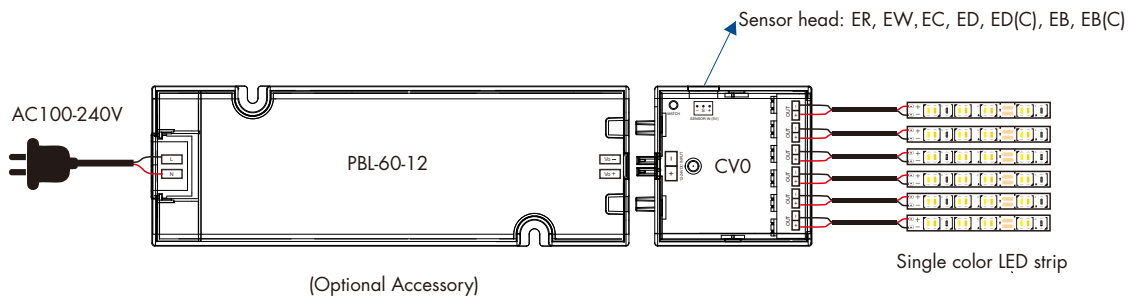


## Wiring Diagram


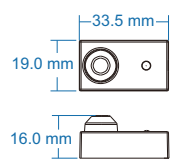

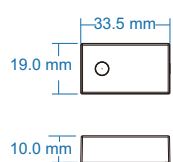

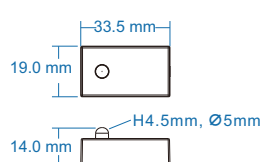

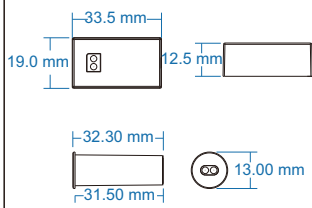

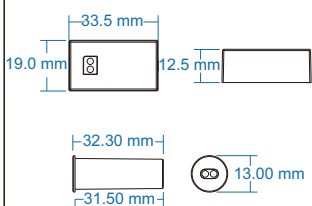
1. Use alone, powered by switching power supply, with or without sensor head



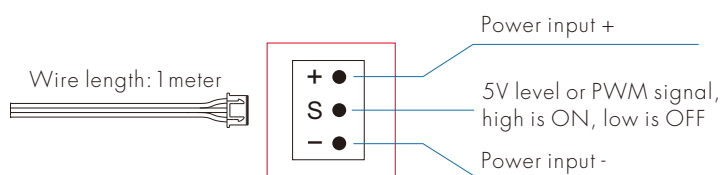
2. Matching cabinet LED driver use, with or without sensor head



## Available sensor head

Model and Product name	Features	Product picture	Size	Sensor data
ER PIR Motion Sensor	When people or objects enter the sensitive field, the light turn on; when these exit the sensitive field, the light turn off after 30 seconds.			Sensitive field: $\leq 3m$ Sensitivity angle: 120
EW Wood Touch Sensor	The medium can be wood, glass or plastic. Short touch the sensing area to turn on or turn off light; long touch the sensing area to dimming up or down.			Dimming range: 0-100% PWM Frequency: 2KHz Detective distance: $\leq 5cm$
EC Touch Sensor	Short touch the LED to turn on or turn off light; long touch the LED to dimming up or down.			Dimming range: 0-100% PWM Frequency: 128Hz
ED ED(C) Door Sensor	When the door open, or no obstacle ahead, the light turn on gradually; when the door close, or obstacle ahead, the light turn off gradually.			Detective distance: $\leq 10cm$ Detective angle: 15-30
EB EB(C) Hand Sweep Sensor	When hand sweep, the light turn on gradually; when hand sweep again, the light turn off gradually.			Detective distance: $\leq 8cm$ Detective angle: 15-30

## Sensor wire define



## Failure analysis and troubleshooting

Fault	Cause	Solution
The light can not be turned on	1. No power 2. Wrong wiring	1. Check the power supply 2. Connection test
Hiccup flashing	Overload	Check the power of the light