
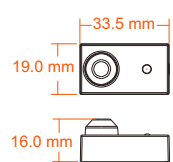

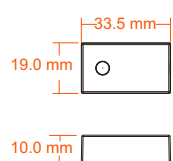

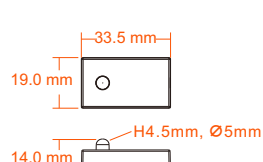

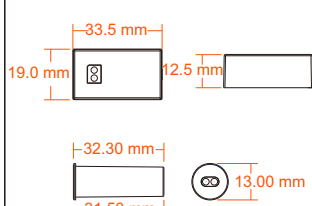

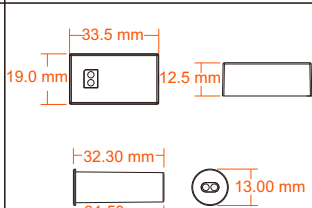


## Induction Sensor Head

Model No.: ER, EW, EC, ED, ED(C), EB, EB(C)

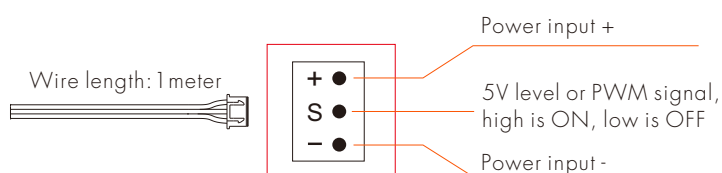
FC CE RoHS emc

Model	Product name	Product picture	Size	Sensor data
ER	PIR Motion Sensor			Sensitive field: $\leq 3m$ Sensitivity angle: 120°
EW	Wood Touch Sensor			Dimming range: 0-100% PWM Frequency: 2KHz Detective distance: $\leq 5cm$
EC	Touch Sensor			Dimming range: 0-100% PWM Frequency: 128Hz
ED ED(C)	Door Sensor			Detective distance: $\leq 10cm$ Detective angle: 15-30°
EB EB(C)	Hand Sweep Sensor			Detective distance: $\leq 8cm$ Detective angle: 15-30°

### Features

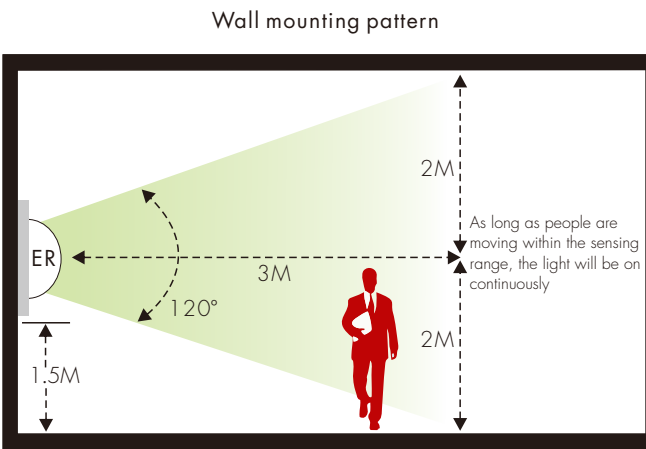
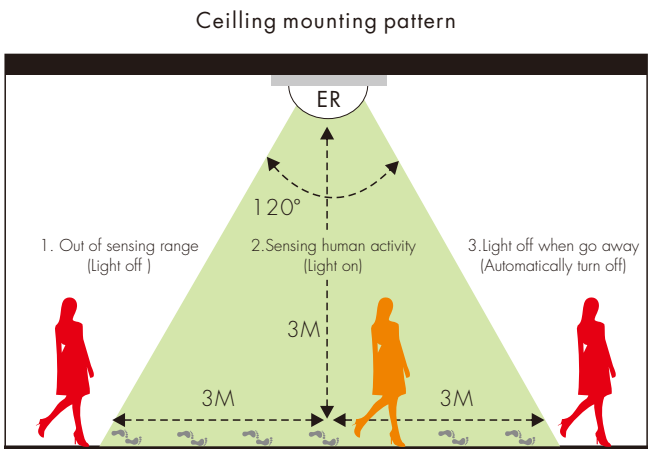
- Powered by low voltage 5VDC, output 5V level or PWM signal.
- PIR motion sensor: when people or objects enter the sensitive field, the light turn on; when these exit the sensitive field, the light turn off after 30 seconds.
- Wood touch Sensor: the medium can be wood, glass or plastic.  
Short touch the sensing area to turn on or turn off light; long touch the sensing area to dimming up or down.
- Touch sensor: short touch the LED to turn on or turn off light; long touch the LED to dimming up or down.
- 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.
- Hand sweep sensor: when hand sweep, the light turn on gradually; when hand sweep again, the light turn off gradually.

### Sensor wire define



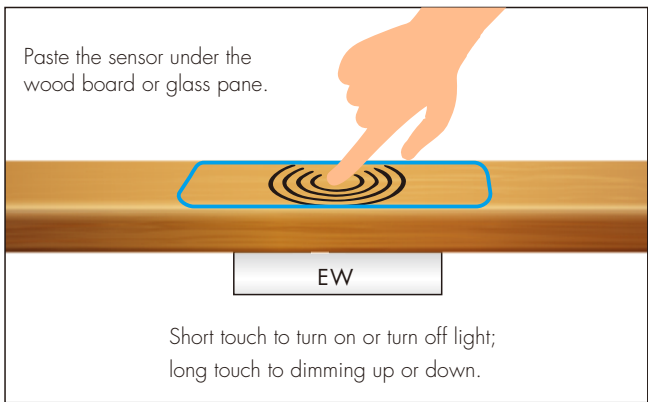
Induction sensor head installation and application

ER: PIR Motion Sensor

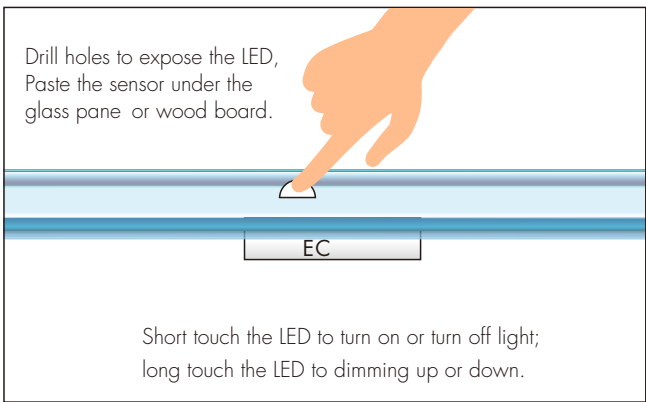


When installing, please pay attention to choosing a proper position and angle, otherwise the sensing distance will be very close or the sensing will be insensitive

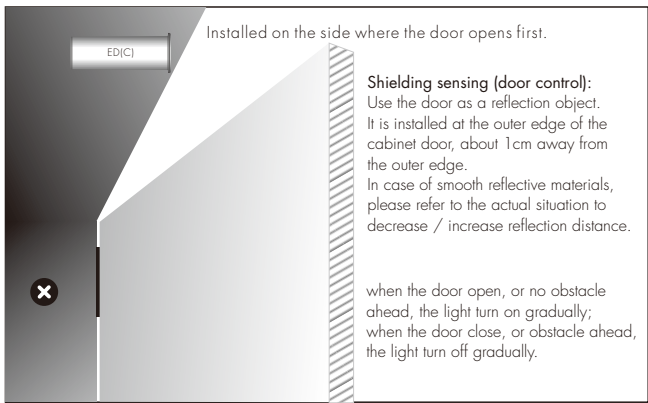
EW: Wood Touch Sensor



EC: Touch Sensor



ED / ED(C): Door Sensor



EB / EB(C): Hand Sweep Sensor

