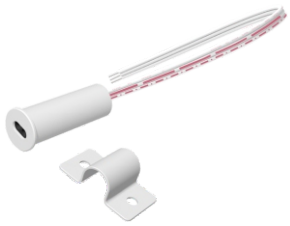
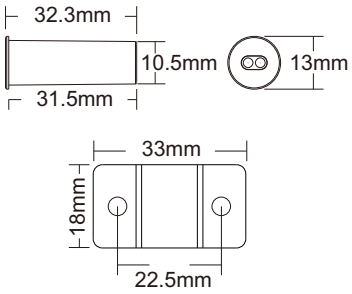
EB-V(C) , ED-V(C)

Sensor

Hand Sweep / Door Control Sensing Switch

CE RoHS

Model	Product name	Product picture	Size	Sensor data
EB-V(C)	Hand sweep sensing switch			Sensitive field: ≤8cm Dimming range: 5-100% Dimming curve: Logarithmic
ED-V(C)	Door sensing switch			Sensitive field: ≤6cm

Features

- Constant voltage output hand sweep/door sensing switch, output connected to low voltage LED strip.
- 1second light on/off fade.
- Maximum output current 1A, maximum power 24W@24V.
- Output PWM frequency: 2000Hz.
- Apply to cabinet, closet, wine cabinet and other lighting.

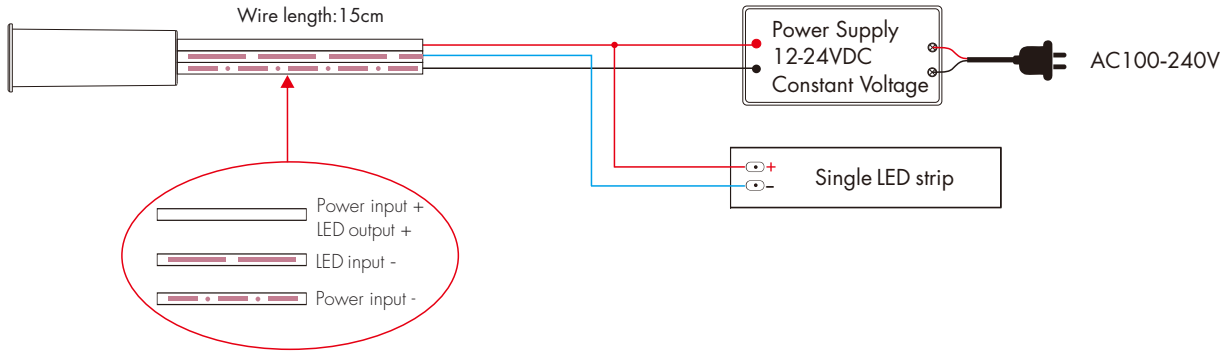
Technical Parameters

Output and Input	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output current	1A
Output power	12-24W
PWM frequency	2000Hz

Environment and Protection	
Operation temperature	Ta: -30°C ~ +50°C
Protection	Reverse polarity
Package	
Size	L80xW45xH30mm
Gross weight	0.032kg

Safety and EMC	
EMC standard	EN IEC 55015/ EN IEC 61547
Safety standard	EN 61347-1/-2
Certification	CE RoHS

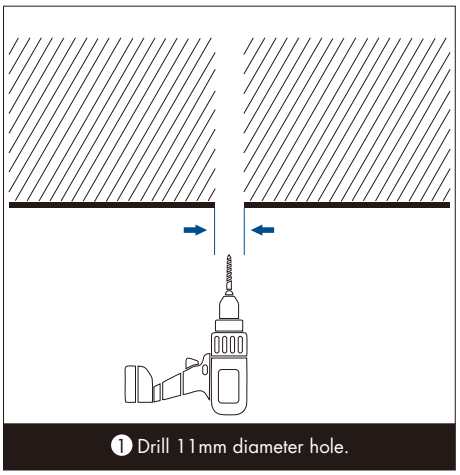
Sensor wire define



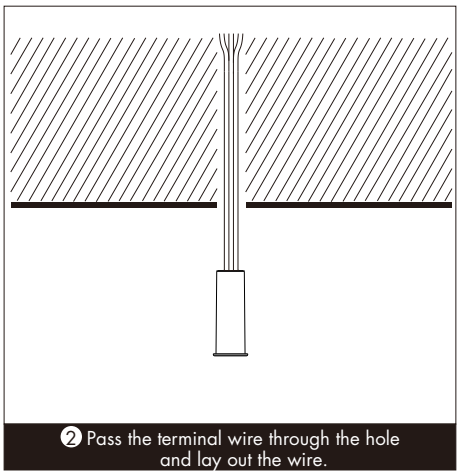
Note: When multiple LED strips are connected to the sensing probe output, the total current of the strips should not exceed 1A.

Sensing head installation

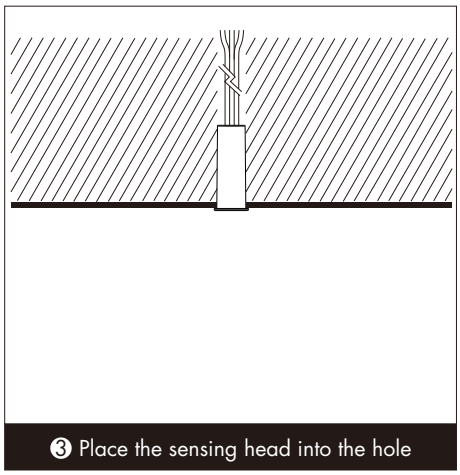
• Concealed installation:



❶ Drill 11mm diameter hole.

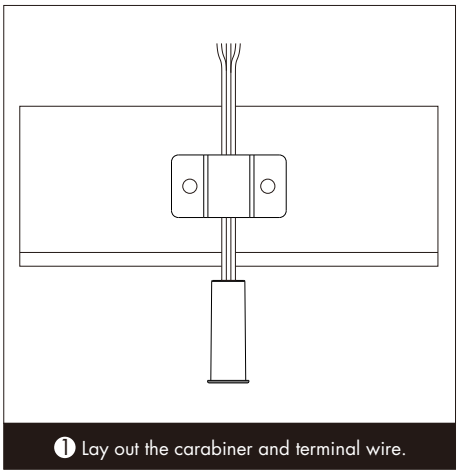


❷ Pass the terminal wire through the hole and lay out the wire.

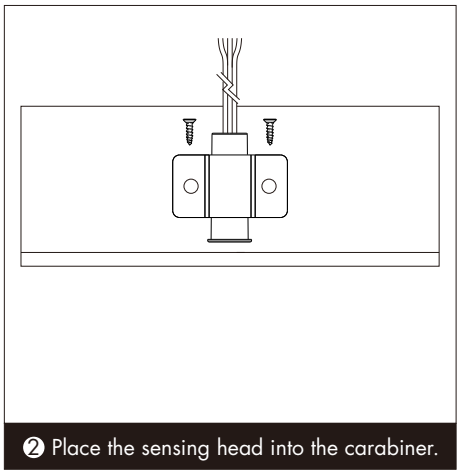


❸ Place the sensing head into the hole

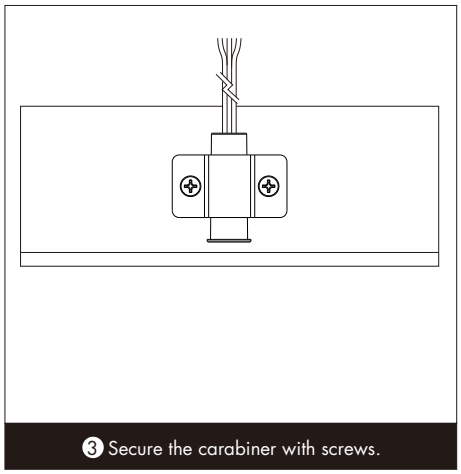
• Surface mounting method:



❶ Lay out the carabiner and terminal wire.



❷ Place the sensing head into the carabiner.



❸ Secure the carabiner with screws.

Sensing head application

EB-V(C): Hand sweep sensing head

Make pendulum action at the front end of the sensing head:
when hand sweep, the light turn on gradually;
when hand sweep again, the light turn off gradually.

Hold your hand in front of the sensing head for more than 2s:
The brightness increases or decreases continuously,
the each time the hand is removed and then held again,
the brightness changes in the opposite direction.

ED-V(C):Door sensing head

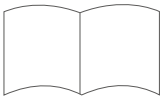
Use the door as a reflection object.
It is installed at the outer edge of the cabinet door,
about 1cm away from the outer edge,
or use the accessory sticker to cover the area directly facing the sensor switch to prevent false triggering caused by reflection.

When the door open, or no obstacle in front of the sensing head,
the light turn on gradually;
When the door close, or obstacle in front of the sensing head,
the light turn off gradually.

Packing List



Induction sensor head
1 pcs



User manual
1 pcs



Carabiner
1 pcs



Screw
2 pcs



Sticker
1 pcs