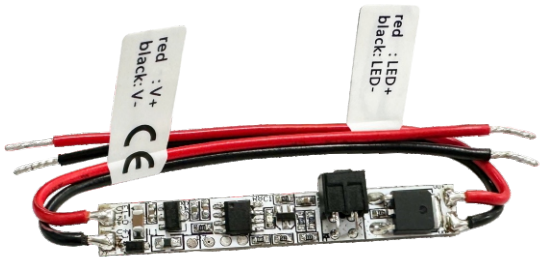
E1-D

Sensor

Door Sensor Switch

- Door sensor switch, connected directly to the low voltage LED strip.
- When the door open, or no obstacle ahead, the strip turn on gradually.
  When the door close, or obstacle ahead, the strip turn off gradually.
- Max 4A output current, max output power 96W@24V.
- Output PWM frequency: 2000Hz.
- Generally installed in the aluminum lamp strip housing.
- 3M paste in the bottom of the PCBA make easy installation and security.
- Low cost and high stability.
- Widely used in wardrobe lights.



CE RoHS

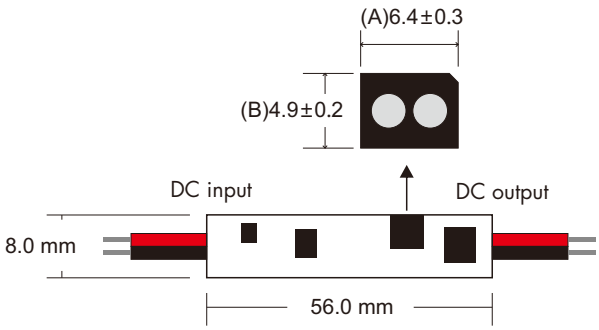
Technical Parameters

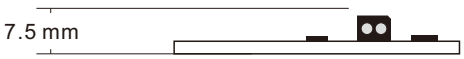
Input and Output	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output power	Max. 48W@12V Max. 96W@24V
Environment	
Operation temperature	Ta: -20°C ~ +55°C

Sensor Data	
Detective distance	⩽5cm
Detevtive angle	15-30
Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

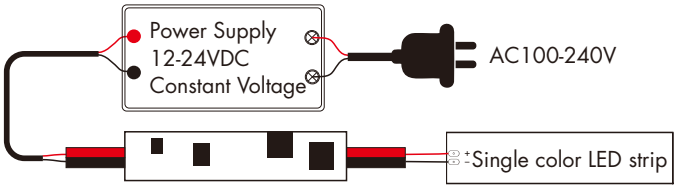
Safety and EMC	
EMC standard	EN IEC 55015/ EN IEC 61547
Safety standard	EN 61347-1/-2
Certification	CE RoHS
Package	
Size	L130 x W90 x H20mm
Gross weight	0.011kg

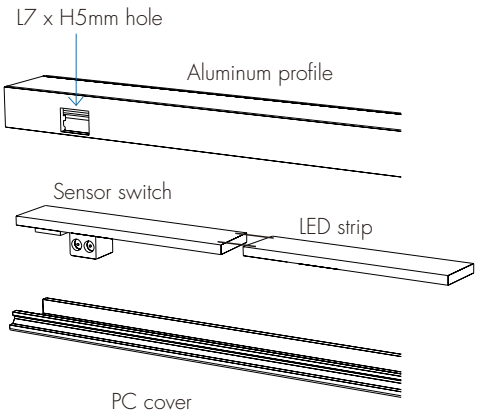
Dimension





Wiring Diagram





Installation attention:

1. Cut a hole in size L7 x H5mm on the side of aluminum profile.
2. Put sensor switch into profiles when power is off,
   put the sensing head to the hole, sensing head should face to the objects.
   For doors or obstacles made of highly reflective materials,
   apply the included adhesive sticker to the area directly facing the sensor to prevent false triggers caused by reflections.
3. Pay attention to power input and LED output polarity.