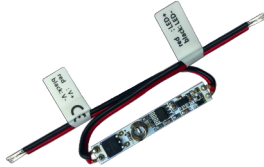


## Single Color LED PCBA Mini Dimmer

Model No.: E1-C

Touch sensor/1 channel constant voltage/3A output/Stepless dimming/Aluminum profile installation



FC CE RoHS EMC LVD

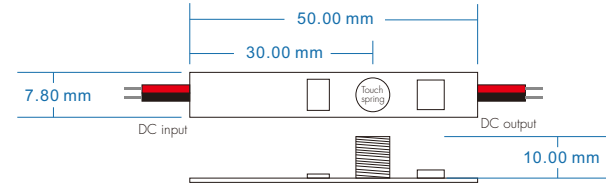
### Features

- 1 channel constant voltage single color LED mini sensor dimmer & switch for aluminum profiles.
- High sensitivity touch operation with LED indicator.
- 3A per channel, output connect with 5 meters single color LED strip, max output power 72W@24V.
- 0-100% dimming smoothly without any flash.
- The media on the touch spring can be PC cover, acrylic board or mirror glass.
- 3M paste in the bottom of the PCBA make easy installation and security.
- Low cost and high stability.
- Widely used in table lamps, bedroom lamps, wardrobe lights, etc.

### Technical Parameters

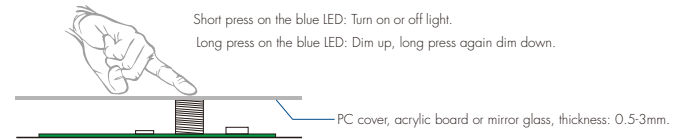
Input and Output		Dimming data	
Input voltage	12-24VDC	Input signal	Touch key
Output voltage	12-24VDC	Dimming range	0-100%
Output power	Max. 36W@12V Max. 72W@24V	PWM Frequency	128Hz
Output type	Constant voltage		
Environment		Safety and EMC	
Operation temperature	Ta:-30°C ~ +55°C	EMC standard [EMC]	EN301 489, EN 62479
		Safety standard[LVD]	EN60950
		Certification	CE, EMC, LVD
Warranty and Protection		Weight	
Warranty	5 years	Net weight	0.005kg
Protection	Reverse Polarity	Gross weight	0.011kg

### Dimension



### Installation attention

- Put mini sensor dimmer into profiles when power is off.
- When install it in high humidity places (for example, bathroom or kitchen), please make sure your LED profiles is isolated against water, otherwise it will affect the sensitivity of touch sensor.
- Pay attention to power input and LED output polarity.



### Wiring Diagram

