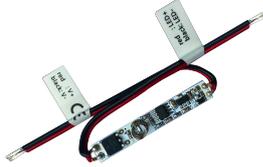


Single Color LED PCBA Mini Touch Dimmer

Model No.: E1-C

Touch sensor/1 channel constant voltage/3A output/Step-less 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	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output power	Max. 36W@12V Max. 72W@24V
Output type	Constant voltage

Environment	
Operation temperature	Ta: -30°C ~ +55°C

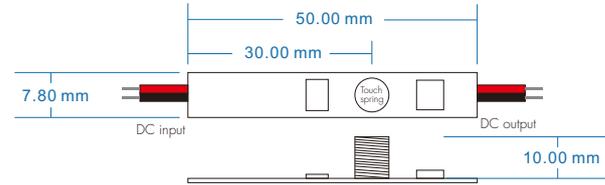
Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

Dimming data	
Input signal	Touch key
Dimming range	0-100%
PWM Frequency	128Hz

Safety and EMC	
EMC standard [EMC]	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard [LVD]	EN 62368-1:2020+A11:2020
Certification	CE, EMC, LVD

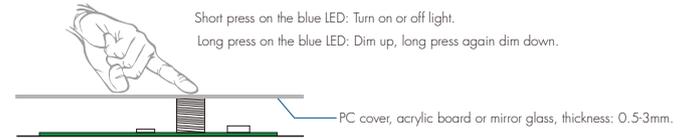
Weight	
Net weight	0.005kg
Gross weight	0.011kg

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

