

Single Color LED PCBA Mini Dimmer

Model No.: V1-C

Touch sensor/1 channel constant voltage/Max 75W/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 75W.
- 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.

Technical Parameters

Input and Output	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output power	Max. 75W
Output type	Constant voltage

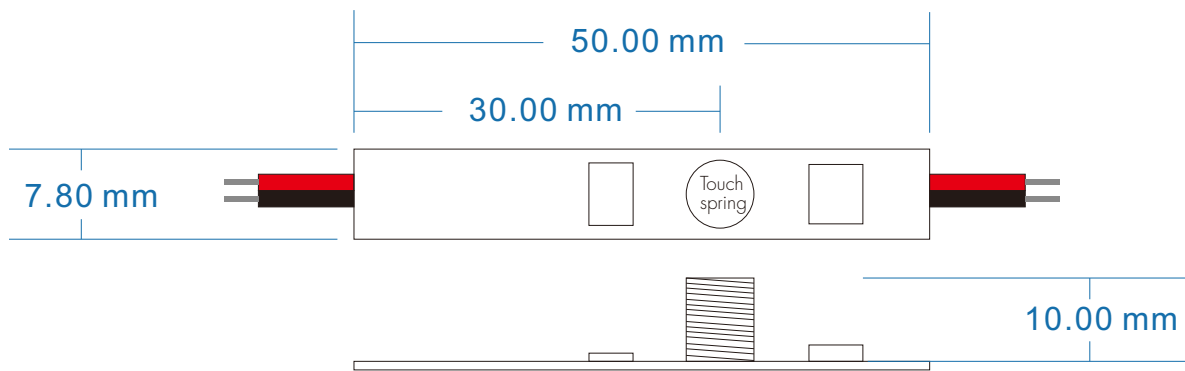
Environment	
Operation temperature	Ta: -30 °C ~ +55 °C
Case temperature (Max.)	Tc: +85 °C
IP rating	IP20

Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

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

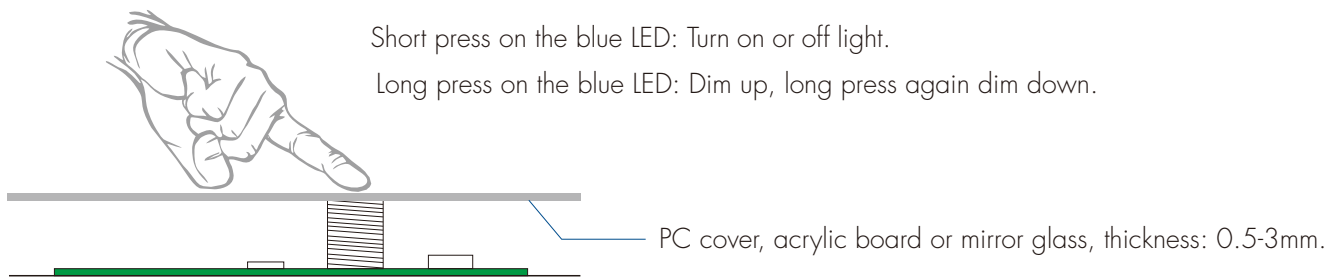
Safety and EMC	
EMC standard (EMC)	EN301 489,EN 62479
Safety standard(LVD)	EN60950
Certification	CE,EMC,LVD

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

