LTECH

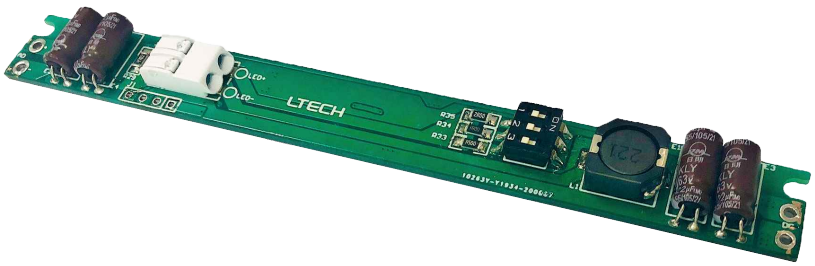
MT-100-400-D1A1 MT-350-700-D1A1

0-10V

0-10V Constant Current Driver

Special for magnetic & linear lamp

- No input polarity
- Multiple output current settings
- DC to DC constant current output
- Automatically identify 0-10V,0-10V input
- Suitable for STUCCHI standard housings
- Magnetic installation is quiet without high-frequency sound.
- Smooth dimming curves without flicker
- Short circuit, overload, no-load and anti-reverse protection
- Input and output support hot plug
- 3 year warranty



Flicker-free
IEEE 1789

3-Year Warranty

CE FC RoHS

No noise, no flicker

Suitable for STUCCHI standard housings
- 9519-166-K
- B 9519-166-K/W

Installation guide

Technical Specs

MODEL		MT-100-400-D1A1	MT-350-700-D1A1
OUTPUT	Output Voltage	10~42Vdc	
	Output Current	100-400mA	350-700mA
	Output Power	1W-16.8W	3.5W-29.4W
	Current Accuracy	+15mA/-25mA	±5%
	Dimming Range	0~100% , down to 1%	
	Channel	1	
INPUT	Dimming Interface	0-10V/1-10V	
	Input Voltage	48Vdc±5% (No polarity)	
	Input Current	0.38A	0.65A
	Efficiency (Typ)	92%	95%
	Standby Power	<0.5W	
ENVIRONMENT	Working Temperature	ta: -30~60°C	
	Storage Temperature	-40~80°C	
	Working Humidity	20~95%RH, non-condensing	
PROTECTION	Overload Protection	The load voltage is out of range,the current drops until the power is turned on again.	
	Short Circuit Protection	Close output and automatically recover once the fault is removed.	
	Anti -reverse Protection	Prevent driver and load damage.	
OTHERS	Dimensions	L125×W14.8×H10mm	
	Weight (G.W.)	15g±2g	

Output Current Selection

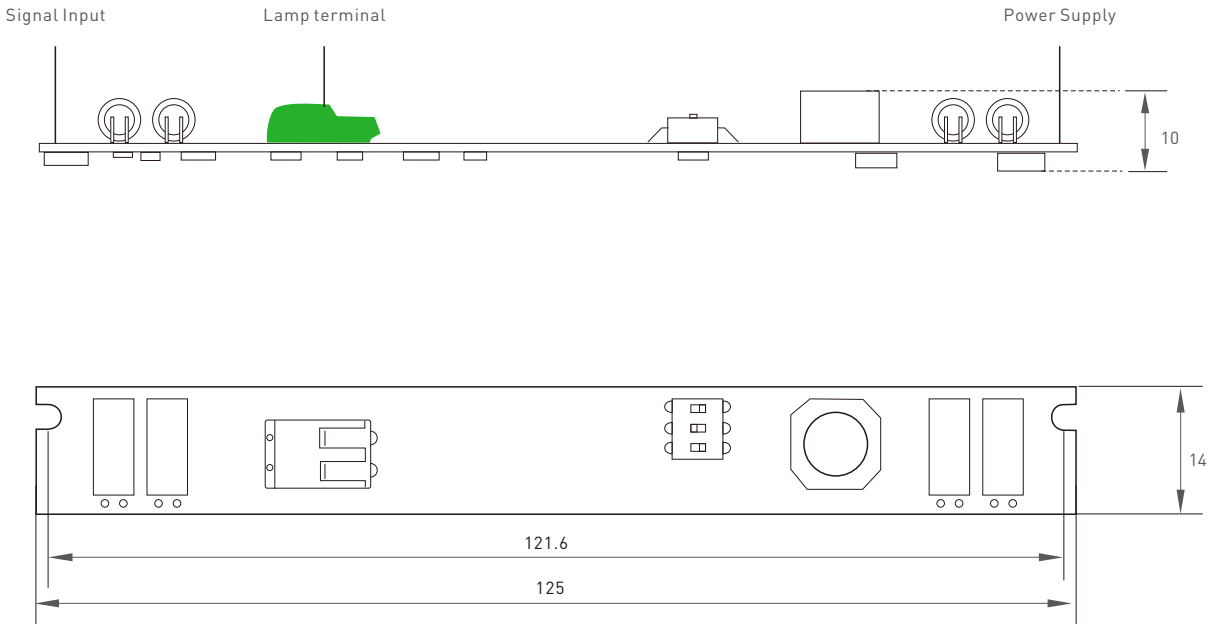
✻ Please select the current through the DIP switch on the circuit board when the power is off.

DIP Switch		↑↓↓	↓↑↓	↑↑↓	↓↓↑	↑↓↑	↓↑↑	↑↑↑	↑ ON ↓ OFF
MT-100-400-D1A1	Output Current	100mA	150mA	200mA	250mA	300mA	350mA	400mA	
	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	
	Output Power	1-4.2W	1.5-6.3W	2-8.4W	2.5-10.5W	3-12.6W	3.5-14.7W	4-16.8W	

DIP Switch		↓↓↓	↑↓↓	↓↑↓	↑↑↓	↓↓↑	↑↓↑	↓↑↑	↑↑↑	↑ ON ↓ OFF
MT-350-700-D1A1	Output Current	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	
	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	
	Output Power	3.5-14.7W	4-16.8W	4.5-18.9W	5-21W	5.5-23.1W	6-25.2W	6.5-27.3W	7-29.4W	

Dimensions

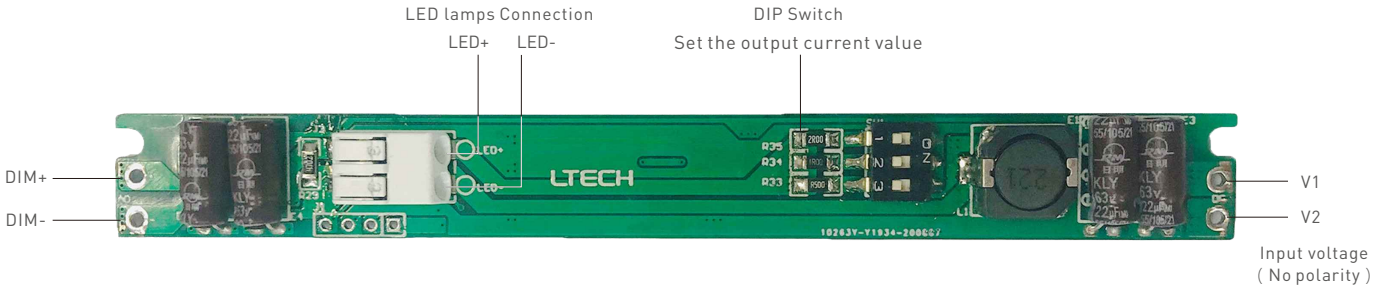
Unit:mm



Terminal description

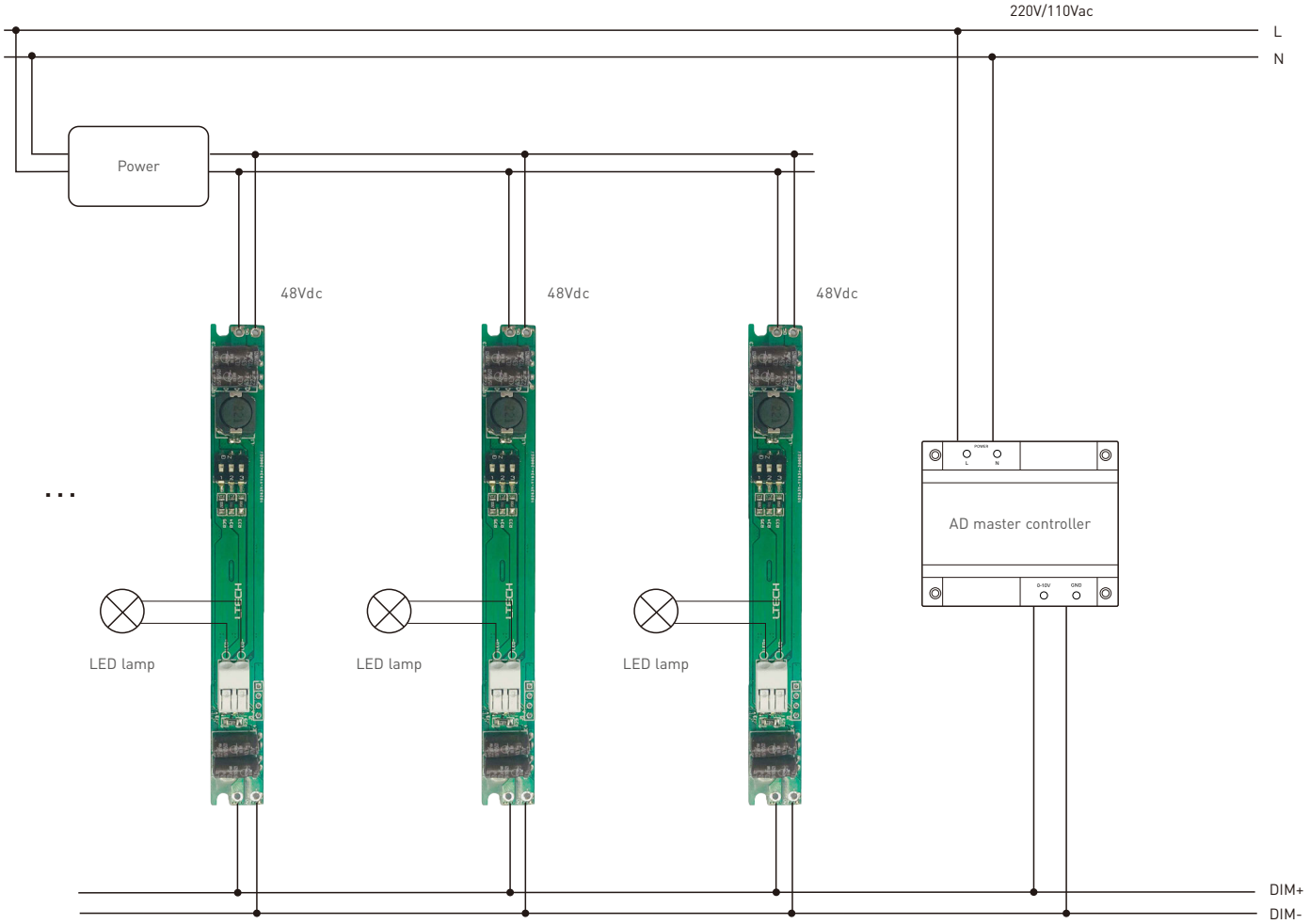
PCB board

Main view



Side view

Wiring Diagram



✻ This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.