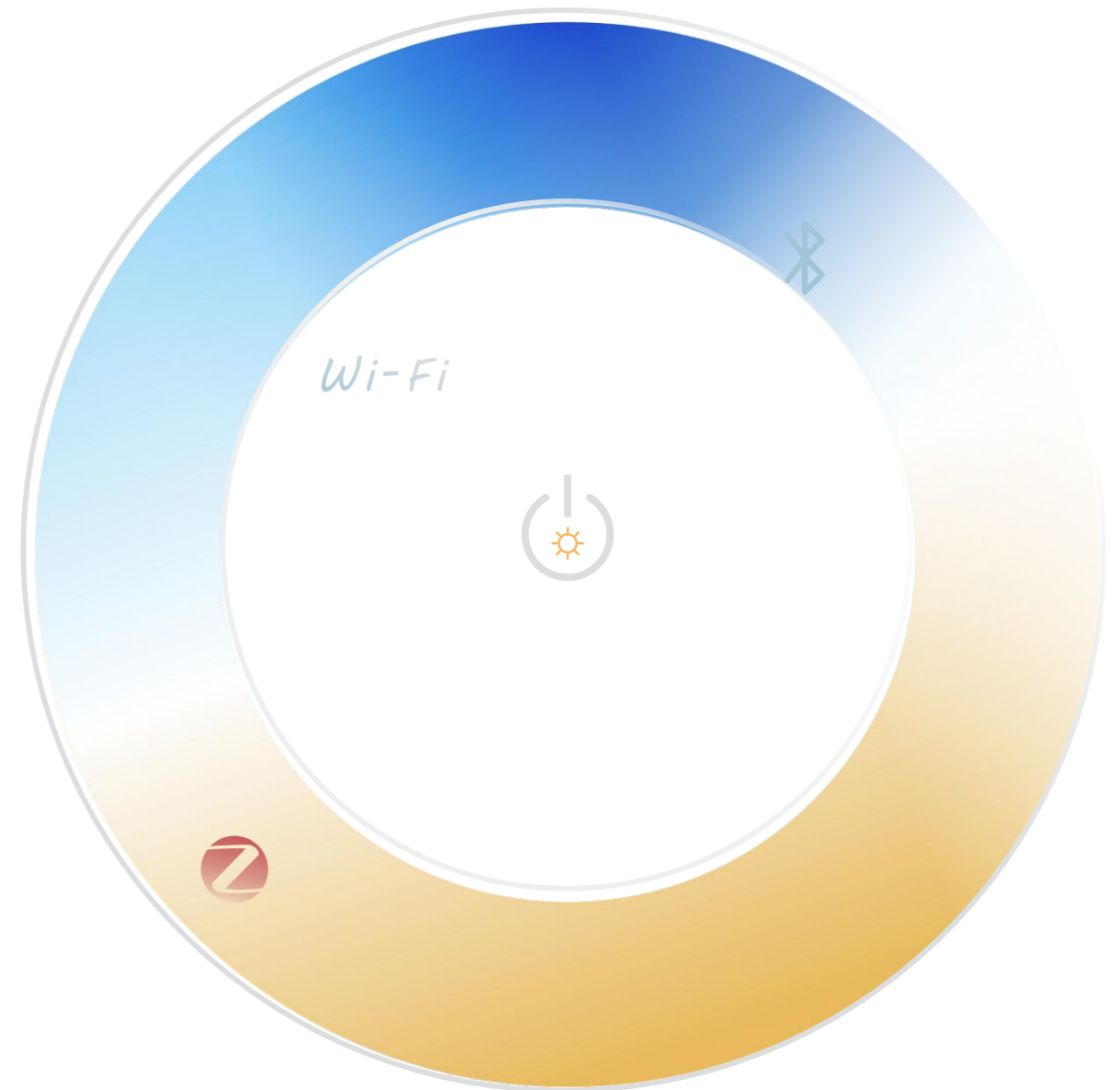
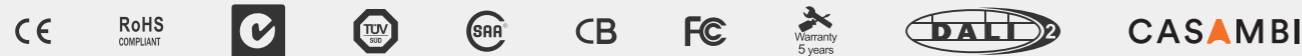




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LIGHTING CONTROL SYSTEM

0/1-10V Series

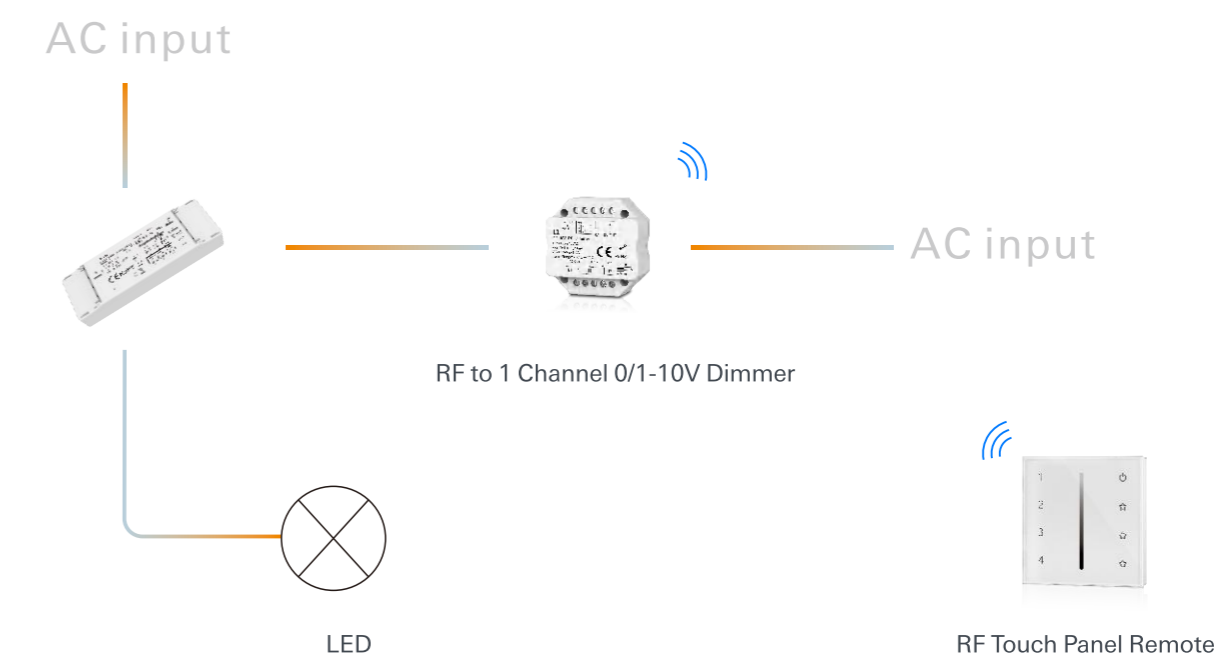


0/1-10V System

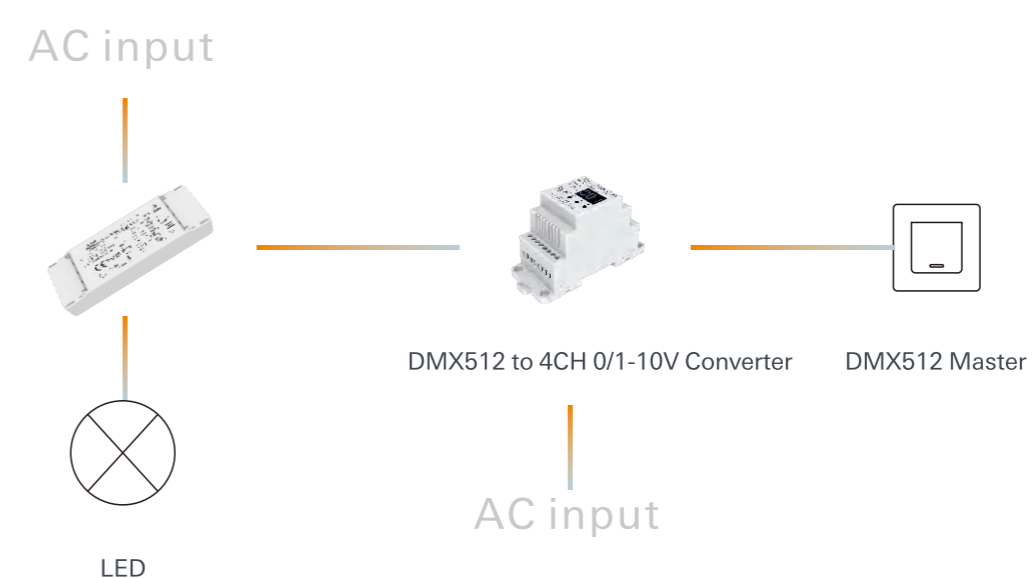
The 0/1-10V series perfectly solves the problem of compatibility between the fluorescent lamp dimming system and LED lighting. SKYDANCE 0/1-10V series products have a built-in high-performance MCU that supports five-in-one dimming, and 0~100% dimming range.

Logarithmic characteristic dimming, compatible with various brands of 0/1-10V dimmers and control systems on the market, such as Lutron, EVITIN, Schneider, etc. SKYDANCE 0/1-10V series includes 0/1-10V panel dimmer, RF or DMX to 0/1-10V signal converter, 0/1-10V low voltage dimming driver, 0/1-10V dimming constant voltage power supply, 0/1-10V dimming constant current power supply and other products, provide a complete 0/1-10V lighting control System solution.

RF to 0/1-10V



DMX512 to 0/1-10V



▶ DC Dimming Driver

- > Compatible with active or passive 0-10V, 1-10V dimmer
- > 256 levels 0-100% dimming smoothly without any flash, logarithmic dimming curve
- > Apply to the uorescent lamp dimming system compatible with LED lighting



LV

- 1 channel PWM constant voltage output
- PWM : 500HZ/2KHZ/8KHZ/16KHZ



LV2

- For CCT
- 2 channel PWM constant voltage output
- PWM : 2KHZ



LV-L

- 1 channel PWM constant voltage output, with push-dim function
- PWM : 500HZ/2KHZ/8KHZ/16KHZ



L4-L

- 4 channel PWM constant voltage output, with push-dim function
- Compatible with active or passive 0-10V, 1-10V dimmer
- PWM : 500HZ

Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Size (mm)
LV	12-48VDC	12-48VDC	1CH*8A	12V<96W, 24V<192W 36V<288W, 48V<384W	97 X 33 X 18
LV2	12-36VDC	12-36VDC	2CH*5A	12V<120W, 24V<240W 36V<360W	114 X 38 X 20
LV-L	12-48VDC	12-48VDC	12-24V:1CH*15A 36-48V:1CH*10A	12V<180W, 24V<360W 36V<360W, 48V<480W	175 X 45 X 27
L4-L	12-48VDC	12-48VDC	4CH*5A	12V<240W, 24V<480W 36V<720W, 48V<960W	175 X 45 X 27

▶ RF 0/1-10V Signal Converter

- > RF signal input
- > 0/1-10V signal output
- > 256 levels 0-100% dimming smoothly without any flash
- > Match with RF 2.4G single color, dual color and RGB/RGBW remote control
- > Light on/off fade time 0.5/3s selectable



4 channel

114×38×20MM



1 channel

52 X 52 X 26MM

Model No.	L4-M	Model No.	L1
Input Voltage	100-240VAC or 12VDC	Input Voltage	100-240VAC
Output Signal	4x(0/1-10V)(20mA /CH)	Output Signal	0/1-10V(20mA /CH)
Remote control	✓	Push-Dim	✓
		Remote control	✓

▶ Panel Dimmer

- > Input voltage 100-240VAC
- > Ultra sensitive high strength glass touch panel
- > Compatible with RF 2.4G dimming remotel control
- > 256 levels 0-100% dimming, without flash



T18 (White/Black)

- Touch key / RF 2.4GHz signal input
- 1 channel 0-10V output



52 X 52 X 26MM

T18-1 (White/Black)

- Touch key / RF 2.4GHz signal input
- 4 channel 0-10V output



52 X 52 X 26MM

Model No.	T18	Model No.	T18-1
Input Voltage	AC100-240V	Input Voltage	AC100-240V
Zone	1 Zone	Zone	4 Zone
		Scene	3 Scene

T18-2 (White/Black)

- Rotary knob / RF 2.4GHz signal input
- Rotate knob to change brightness, support push and long push operation
- Compatibility with RF 2.4G single zone or multiple zone dimming remote control
- 1 channel 0-10V output



86×86×48MM

KL

- Rotary knob / RF 2.4GHz signal input
- 0-10V or 1-10V output selectable by DIP switch
- 1 channel 0-10V output

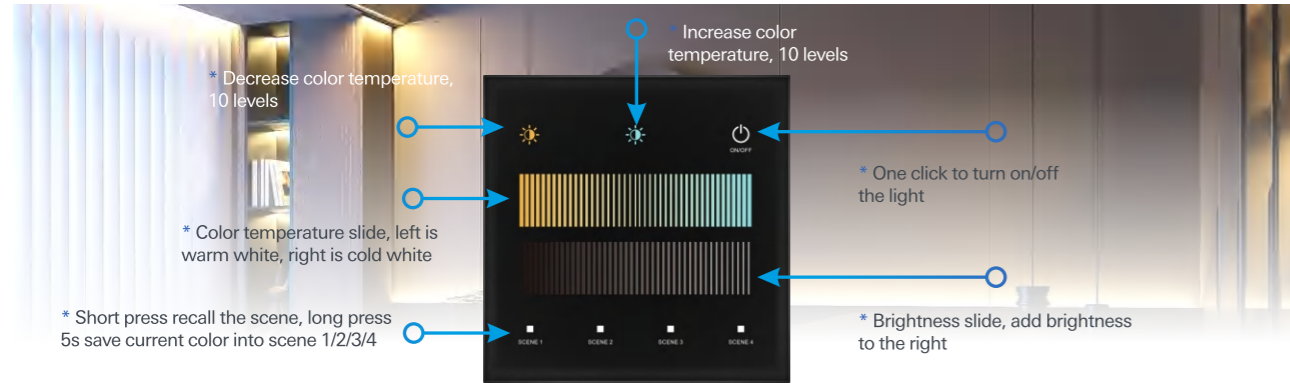


86×86×48MM

Model No.	T18-2	Model No.	KL
Input Voltage	AC100-240V	Input Voltage	AC100-240V
Zone	1 Zone	Zone	1 Zone

▶ Panel Dimmer(CCT)

- Ultra sensitive high strength glass 0/1-10V CCT touch panel
- 2 channel 0/1-10V signal output
- 256 levels 0-100% dimming, without flash
- Compatibility with RF 2.4G single zone or multiple zone remote control
- 100-240VAC power supply input
- 0-10V or 1-10V output selectable by DIP switch
- Smooth and accurate color adjustment by touching the color slide
- Four scene keys, 4 scenes can be saved



Model No.	Input Voltage	Zone	Scene	Size (mm)
T2-L (White/Black)	AC100-240V	1 Zone	4 Scene	86 X 86 X 33

▶ Constant Voltage Dimmable LED Driver



- > 0-10V, 1-10V, 10V PWM, Resistor, AC Push-Dim dimming interface
- > 0-100% dimming smoothly without any flash
- > Over-heat / Over-load / Short circuit protection, recover automatically
- > 1 channel constant voltage output
- > Synchronize on multiple number of LED drivers
- > Full protective plastic case

	168 X 44 X 30MM		179 X 56 X 30MM		
Model No.	LN-40-12	LN-40-24	Model No.	LN-75-12	LN-75-24
Input Voltage	100-240VAC	100-240VAC	Input Voltage	200-240VAC	200-240VAC
Output Voltage	12VDC	24VDC	Output Voltage	12VDC	24VDC
Output Current	3.3A Max	1.65A Max	Output Current	6.25A Max	3.25A Max
Output Power	40W Max	40W Max	Output Power	75W Max	75W Max

- > 1 channel constant voltage output, Max. 150W output power
- > 0-10V, 1-10V, 10V PWM, Resistor dimming interface
- > 110-277VAC universal AC input
- > Built-in active PFC function: 0.95 Typ
- > THD<10%
- > No load/Standby power<0.5W
- > Over-heat / Short circuit protection

	310 X 45 X 30MM	
Model No.	LPV-150M-12	LPV-150M-24
Input Voltage	110-277VAC	110-277VAC
Output Voltage	12VDC	24VDC
Output Current	Max. 12.5A	Max. 6.25A
Output Power	Max.150W	Max.150W
Efficiency(TYP)	92%/230VAC	92%/230VAC
Power Factor	>0.95	>0.95

▶ Constant Current Dimmable LED Driver



- > 0-10V, 1-10V, 10V PWM, Resistor Dimming interface
- > 0-100% dimming smoothly without any flash
- > 1 channel constant current output, DIP switch select output current
- > Synchronize on multiple number of LED drivers
- > Over-heat / Over-load / Short circuit protection, recover automatically
- > Full protective plastic case



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)	Size (mm)
LN-12A-L	100-240VAC	9-45VDC	100-450mA	12W Max	>80%/230VAC	168 X 44 X 30
LN-12A-H	100-240VAC	3-24VDC	350-700mA	12W Max	>79%/230VAC	168 X 44 X 30
LF-15A	100-240VAC	10-45VDC	150-700mA	15W Max	>80%/230VAC	179 X 56 X 30

- > 0-10V, 1-10V, 10V PWM, Resistor Dimming interface
- > Universal AC input / Full range, High PF, High efficiency
- > Over-heat / Over-load / Short circuit protection, recover automatically

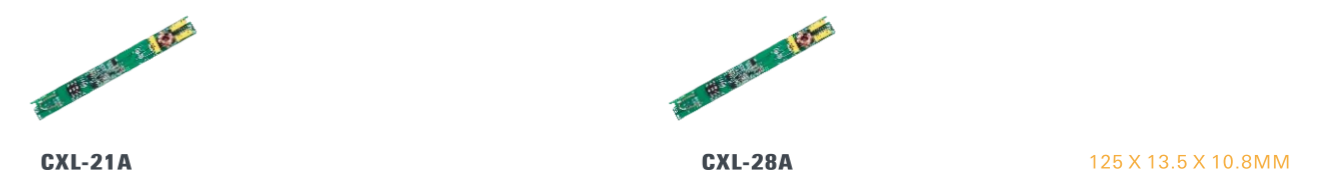
- > 0-100% dimming smoothly without any flash
- > DIP Switch select output current



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)
LF-12A	100-240VAC	10-42VDC	100-700mA	Max.12W	>80% (350mA at full load)
LF-12A-2	100-240VAC	9-42VDC	2x(100-450)mA	Max.12W	≥77%(at full load)

- > Special for magnetic & linear lamp
- > No input polarity
- > 0-10V, 1-10V, 10V PWM, Resistor Dimming interface
- > DC to DC constant current output

- > 0-100% dimming smoothly without any flash
- > DIP Switch select output current
- > Short circuit/overload/no-load and anti-reverse protection



Model No.	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency(TYP)
CXL-21A	48VDC±1%(No polarity)	10-40VDC	150-500mA	1.5W-20W	93%
CXL-28A	48VDC±1%(No polarity)	10-40VDC	350-700mA	3.5W-28W	95%