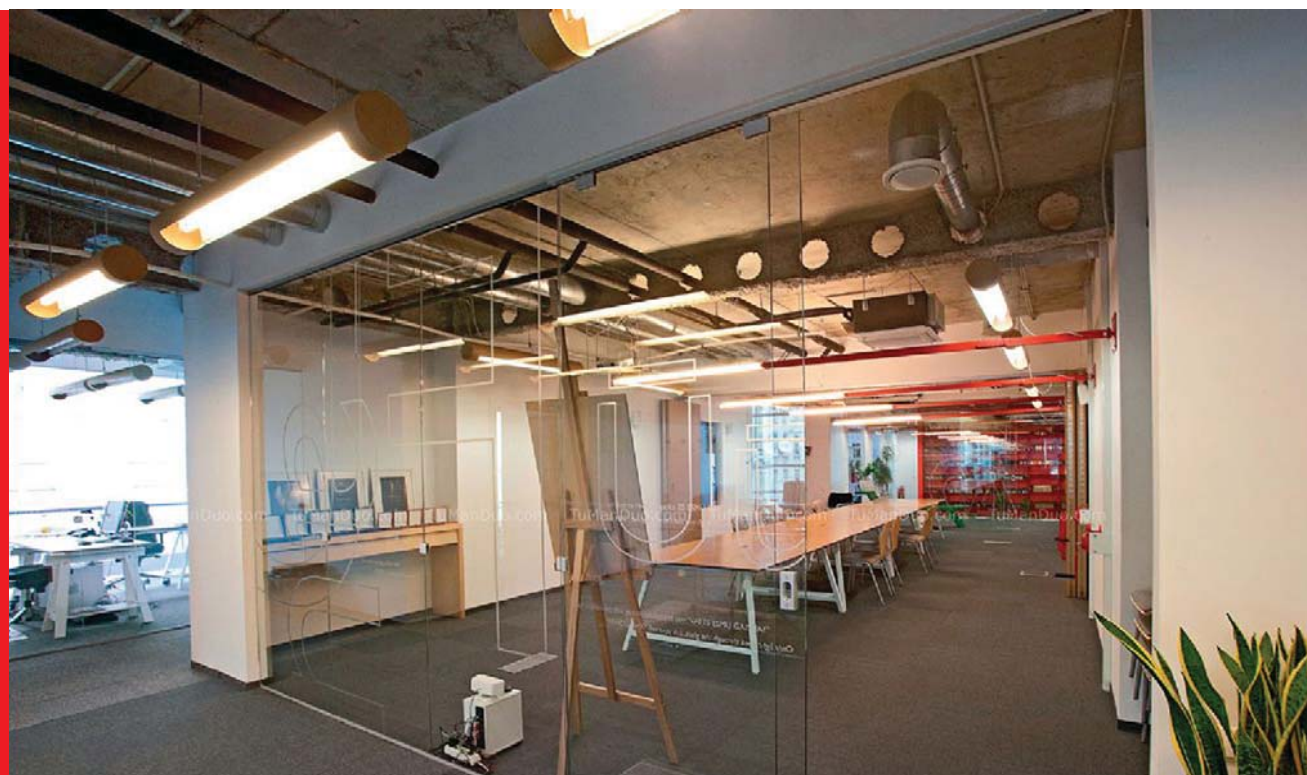


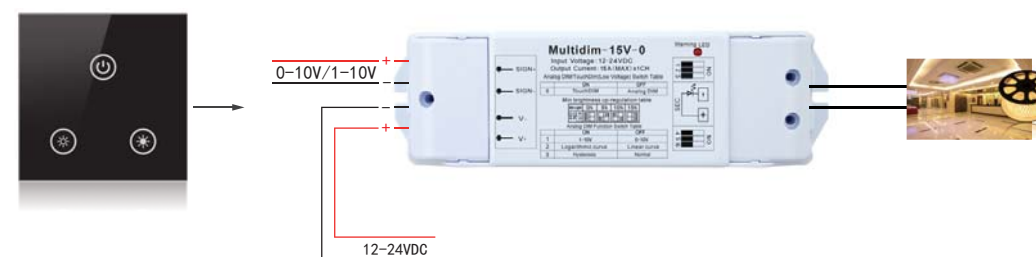
# 0-10V/1-10V Dimmer Series



Euchips' 0-10V/1-10V dimmable drivers solve the compatible problem between fluorescent lamps and LED lamps very successfully. They are widely used with various of capacity dimming system to control the LED ceiling lights, LED downlights, LED panel lights, LED wallwashers, LED strip lights and so on. Our 0-10V/1-10V dimmers support both linear and logarithmic dimming curve, dimming the lights very smoothly and are compatible with various famous lighting control systems, such as Lutron, Dynalite, Schneider, Clipsal, Osram, Philips, ABB and so on.

# Wiring Diagram

## Constant Voltage Dimmer Series



## Constant Voltage Analog Dimmer Series(CCT Mode)



## Constant Current Dimmable Driver Series



## 0-10V Panel Controller Series



### Feature

- ▶ 0-10V dimming, with smooth dimming curve
- ▶ Glass material, with stylish appearance
- ▶ With touchable buttons, easy to learn and use

### Description

WallDim series are designed with fashionable and beautiful appearance, complete functions, easy operations, touch keys, 0-10V signal controller and various forms. It is mainly used to connect with 0-10V/1-10V controllers. It can realize 0-10V/1-10V smooth dimming effect according to different requirements.

### Parameter

Item No.	Output Channel	Input Voltage	Output Current	Output Signal	G.W.(g)	Size(mm)
WALLDIM103	1	/	/	0-10VDC	140	86*86*44
WALLDIM202	2	12-24VDC	50mA*2Channel	0-10VDC	130	86*86*38
WALLDIM200	1	90-265VAC	50mA*1Channel	0-10VDC	196	86*86*38
WALLDIM201	1	15-48VDC	150mA*1Channel	0-10VDC	120	86*86*10
PA-112U	1	100-240VAC	15mA*1Channel	0-10VDC	241	120*72*41.8

RoHS CE

## Analog Signal Amplifier

### EUC601

#### Analog Signal Amplifier



#### Feature

- ▶ Used to amplify power of the analog signal
- ▶ The input signal can be 0-10V active signal, resistance/passive signal, or PWM signal
- ▶ High quality amplifier, output current of 200mA
- ▶ Used for the situation that the main controller's driver ability isn't enough
- ▶ Many signal amplifiers can be connected in series

#### Parameter

Item No.	Input Voltage	Output Current	Output Voltage	Input Signal	G.W.(g)	Size(mm)
EUC601	15-48VDC	200mA*1Channel	0-10VDC	0-10V active signal, resistance/passive signal, or PWM signal	90	168*39.4*30





# Constant Voltage Dimmer Series

## Feature

- ▶ Support various of analog dimming signals
- ▶ Support dimming curve selection function
- ▶ Support minimum brightness up-regulation function
- ▶ Support the short circuit, over-current protection and alarm indicating function

## Description

0-10V/1-10V dimmers are widely used for dimming LED strips, LED modules.



## Parameter

SELV RoHS CE

Item No.	Input Voltage	Output Current	Output power	Dim Mode	Multifunction Switch	G.W.(g)	Size(mm)
DIM-S1L10V-0	12-24VDC	10A*1 Channel	120-240W	0-10V/1-10V	Support	100	167*51*23
DIM-S2L8V-0	12-24VDC	8A*2 Channels	192-384W	0-10V/1-10V	Support	100	167*51*23
DIML1-10-240	12-24VDC	10A*1 Channel	120-240W	0-10V	No Support	124	165*39*26
DIM118B	12-24VDC	10A*1 Channel	120-240W	1-10V	No Support	124	167*51*23
DIM116	12-24VDC	5A*3 Channel	180-360W	0-10V	No Support	140.5	165*39*26
Multidim-15V-0	12-24VDC	15A*1 Channel	180-360W	0-10V/1-10V	Support	115.5	167*51*23
DIM151A-DIN	12-24VDC	15A*1 Channel	180-360W	0-10V/1-10V	Support	85	112*35*67

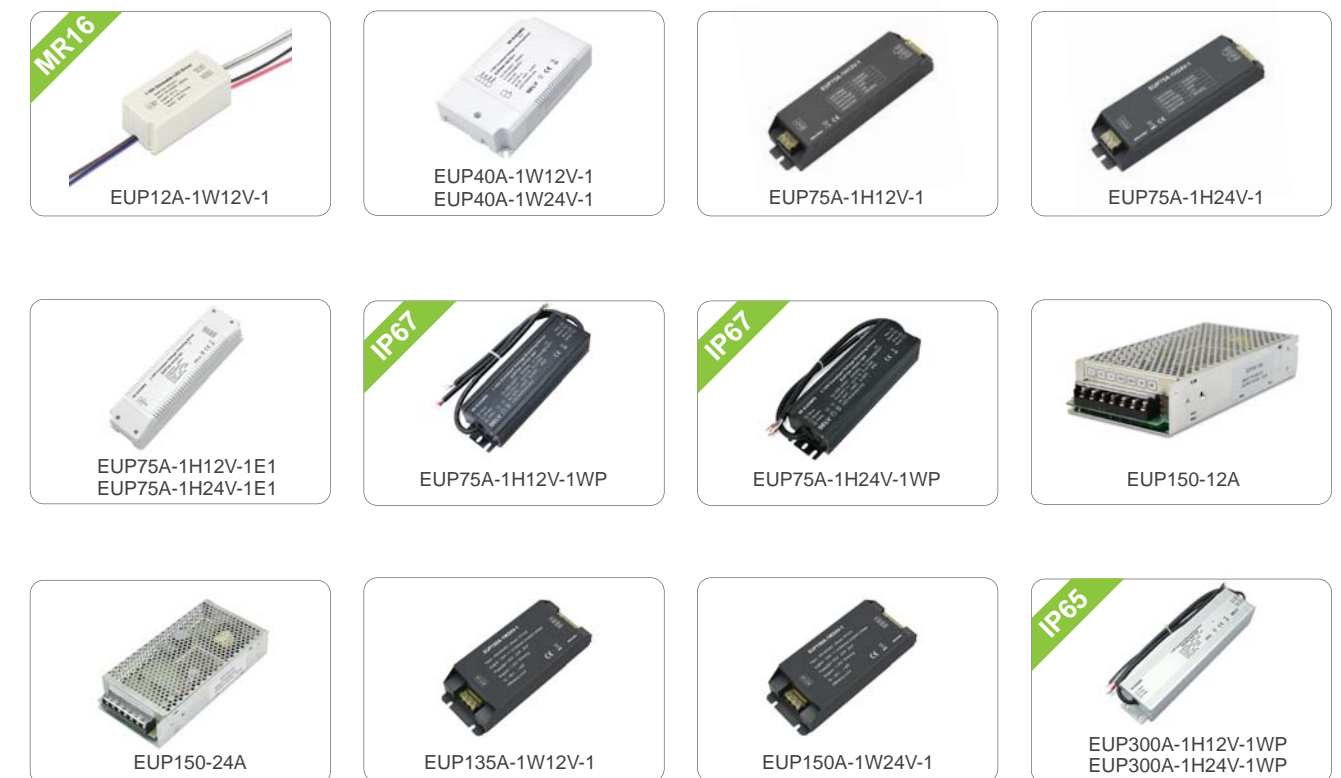
# Constant Voltage Dimmable Driver Series

## Feature

- ▶ Support 0-10V/1-10V analog dimming signal, active or passive signals
- ▶ Smooth dimming curve, no flicker
- ▶ Customized

## Description

0-10/1-10v products can match Lutron, Dynalite, etc. They are widely used with constant voltage LED lightings, such as LED strips, MR16, etc. Also short circuit, overload, over voltage protection can make the system safe.



# Constant Voltage Dimmable Driver Series

## Parameter

RoHS CE

Item No.	Input Voltage	Output Current	Output Voltage	Output power	Dim Mode	G.W.(g)	Size(mm)
EUP12A-1W12V-1	100-240VAC	1A*1 Channel	12VDC	12W	1-10V	115	73*36*29
EUP40A-1W12V-1	100-240VAC	3.4A*1 Channel	12VDC	40W	1-10V	245	122*78*32
EUP40A-1W24V-1	100-240VAC	1.7A*1 Channel	24VDC	40W	1-10V	245	122*78*32
EUP75A-1H12V-1	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	412	204*54*33
EUP75A-1H24V-1	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	412	204*54*33
EUP75A-1H12V-1E1	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	300	210*57*34
EUP75A-1H24V-1E1	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	300	210*57*34
EUP75A-1H12V-1WP	200-240VAC	6.2A*1 Channel	12VDC	75W	1-10V	462	188*52*35
EUP75A-1H24V-1WP	200-240VAC	3.1A*1 Channel	24VDC	75W	1-10V	462	188*52*35
EUP150-12A	200-240VAC	12.5A*1 Channel	12VDC	150W	0-10V/1-10V	610.5	200*98*38
EUP150-24A	200-240VAC	6.25A*1 Channel	24VDC	150W	0-10V/1-10V	610.5	200*98*38
EUP135A-1W12V-1	100-240VAC	11.25A*1 Channel	12VDC	135W	1-10V	662.5	196*75*40
EUP150A-1W24V-1	100-240VAC	6.25A*1 Channel	24VDC	150W	1-10V	662.5	196*75*40
EUP300A-1H12V-1WP	200-240VAC	25A*1 Channel	12VDC	300W	1-10V	1500	307*70*44
EUP300A-1H24V-1WP	200-240VAC	12.5A*1 Channel	24VDC	300W	1-10V	1500	307*70*44

# Constant Current Dimmable Driver Series

## Feature

- ▶ Single channel constant current output , multi-current selection
- ▶ Support 0-10V/1-10V analog dimming signal, active or passive signals
- ▶ Built-in active PFC function
- ▶ Without signal input, it can work as non-dimmable power supplies
- ▶ Smooth dimming curve, no flicker
- ▶ Short circuit protection

## Description

This series of products are mainly used with various constant current LED indoor lightings, such as LED spotlights, down lights, panel lights, etc.



# Constant Current Dimmable Driver Series

## Parameter



Item No.	Input Voltage	Output Current	Output Voltage	Output power	Dim Mode	G.W.(g)	Size(mm)
EUP5A-1HMC-1SE	200-240VAC	170mA*1Channel	6-21VDC	3.6W	1-10V	60	128*30*19.2
EUP12A-1WMC-1	100-240VAC	180/240/300mA*1Channel	9-40VDC	12W	1-10V	120	150*43*29
EUP15A-1WMC-1	100-240VAC	280/350/450mA*1Channel	9-40VDC	15W	1-10V	120	150*43*29
EUP15A-1H500C-1	200-240VAC	350/500mA*1Channel	30-42VDC 20-30VDC	15W	1-10V	105	73*36*29
EUP20A-1WMC-1	100-240VAC	300/500/700mA*1Channel	9-40VDC	20W	1-10V	110	150*43*29
EUP25A-1WMC-1	100-240VAC	350/500/700mA*1Channel	3-42VDC	25W	1-10V	170	167*51*21
EUP30A-1HMC-1	200-240VAC	600/700/800/900mA*1Ch	3-50VDC	30W	1-10V	140	150*43*29
EUP40A-1WMC-1SE	100-240VAC	350/500/700/1050mA*1Ch	20-75VDC	40W	1-10V	245	137*81.5*31
EUP50A-1WMC-1	100-240VAC	500/700/1050/1200mA*1Ch	9-70VDC	50W	1-10V	220	137*82*31
EUP60A-1HMC-1	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	1-10V	410	204*54*33
EUP60A-1HMC-1E1	200-240VAC	1050/1200/1400mA*1Ch	9-58VDC	60W	1-10V	410	210*57*34
EUP60S-700A	120-277VAC	700mA*2 Channel	4-43VDC	60W	1-10V	394	204*54*33
EUP100A-1HMC-1	200-240VAC	900/1050/1200/ 1400/1700/2100mA*1Ch	20-110VDC	100W	1-10V	520	196*75*40

