

**- Product description**

- Constant voltage three-channel DC12V output; ;
- Three-channel dimming/tunable mode; ;
- With DALI control interface;
- Dimming range: 0.1%~100% ;
- Output power: Max.80W ;
- Rated voltage:AC100~240V ;
- Built-in active PFC function;
- Protection type: short circuit / over voltage / over power / under voltage / over temperature;
- No-load power consumption: $\leq 1\text{ W}$

**- Technical parameter**

Model		QY-KXZ1080CV12
Output	Rated power	80W
	Ripple current	/
	No-load output voltage	< DC12.5V
	Ripple & noise	< 300mVp-p
	Output connection	VDD: Common anode of LED lamps GND: Ground wire 01/02/03 : Three-channel LED negative For the corresponding DIP switch, see the "DIP switch" below.
Input	Voltage input range	AC100~240V
	Frequency range	50/60Hz
	Effectiveness	87% @ full load, input 220VAC
	AC	0.42A @ full load, input 220VAC
	Power factor	>0.97 @ full load, input 220VAC
	THD	<15% @ full load, input 220VAC
	Leakage current	/
protection	Short circuit	Automatic restart, components are not damaged
	Over voltage	$\leq 120\%$, Protection method: Turn off the o/p voltage and resume power-on.
	Over power	When the output power reaches 90W, it no longer rises. When the load is increased, the output current decreases, the output voltage decreases or the output is turned off.



	Under voltage	Protected when set to 77Vac, shuts down the output, restarts when restored to 80Vac
	Over temperature	Turn off the o/p voltage and resume power-on.
environment	Working temperature	-20°C ~ +50°C
	Working humidity	< 85% Relative humidity (non-condensing)
	Storage temperature	-40°C ~ +85°C
	Storage humidity	< 95% Relative humidity (non-condensing)
	Protection	IP20
	Vibration	10-500Hz , 2G10 minutes / cycle, 60 minutes per axis
Standards	Conducted emission	EN55015 Class B
	Radiation emission	EN55015 Class B
	General and safety requirements	EN61347-1
	DALI standard	IEC62386-101,102,207
others	Weight	195g
	Size	232(L)*53.9(W)*29(H)mm

■ DIP switch:

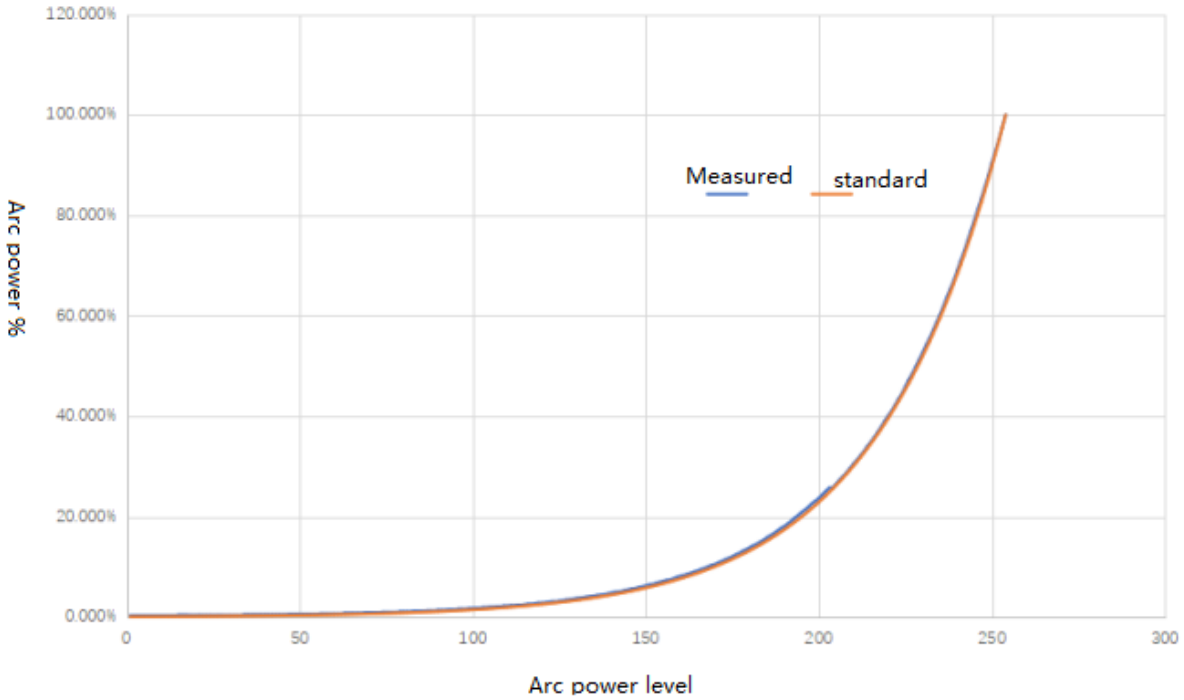
				2	DIP Sw
				1	
WLED1	LED1	LED1	LED1	1	Output
CLED2	LED2	LED2		2	
	LED3			3	
1	3	2	1	Add.	
Dim Color	Dim			Type	

Note: When placed on the front, the switch is pulled to the left for "ON" and the switch to the right for "OFF".

■ Dimming curve



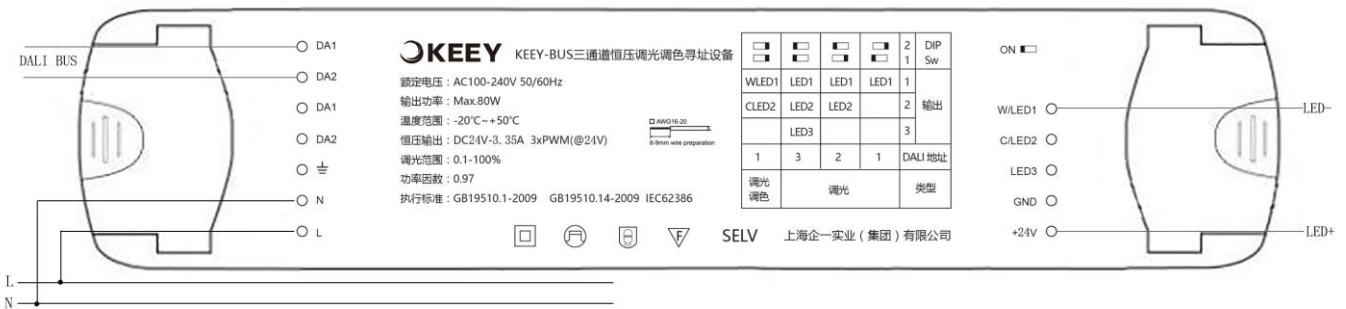
Logarithmic dimming curve of DALI 80W 12W constant voltage drive



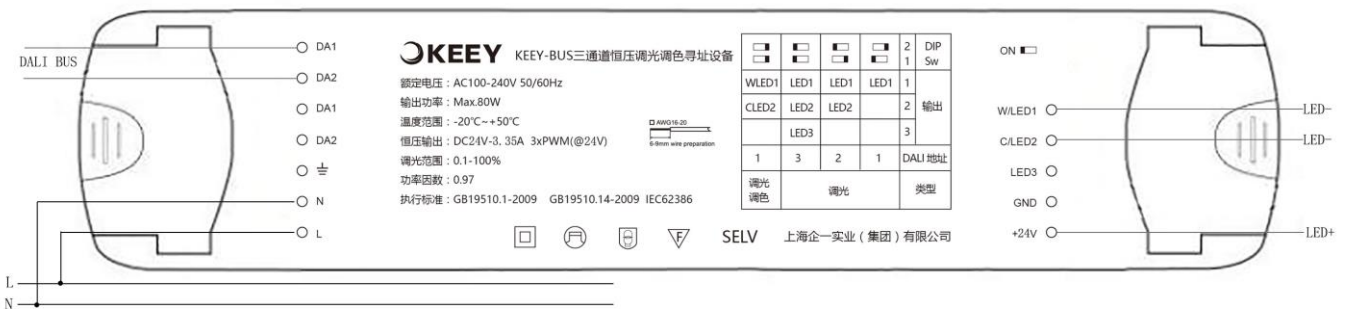
■ Wiring diagram

■ LED module dimming control(1CH/Type6) :

1、Wiring of 1 address Dimming



2、Wiring of 2 address Dimming

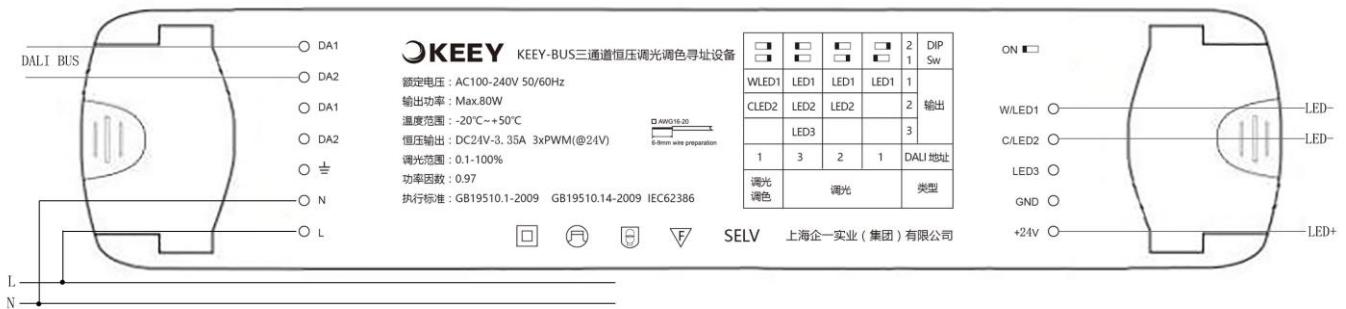




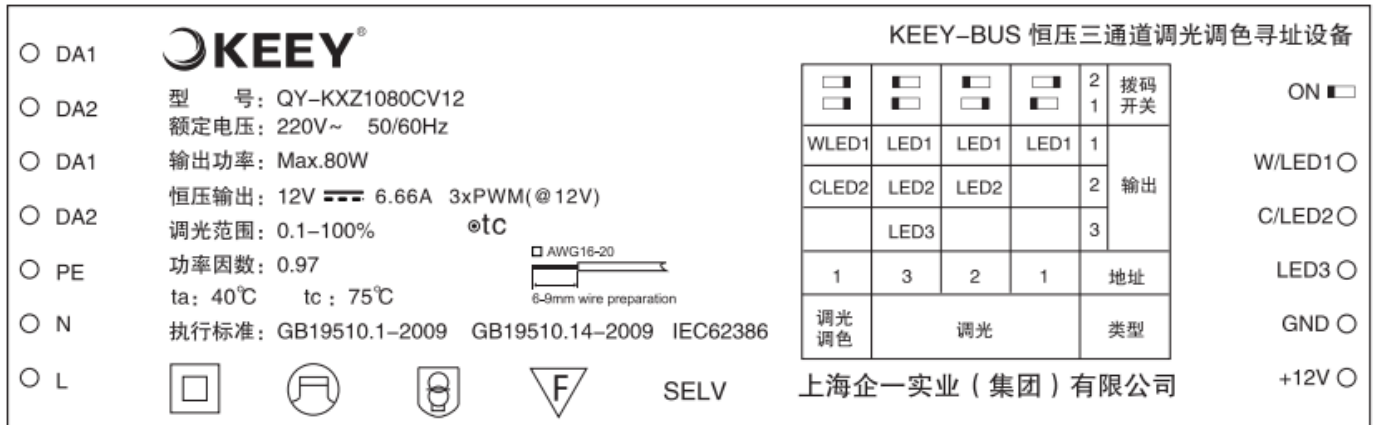
3、Wiring of 3 address Dimming



■ Dimming and Coloring (2CHs/Type8):



■ Label



■ Exterior size

