



Code	215-005		
Description	Constant Voltage Led Driver,input 200-240V AC,output 12V DC		
items	conditions	request	note
1.input			
1.1 rated input voltage	Ta	AC200-240V	
1.2 input voltage scope	Ta	AC180-264V	
1.3 input voltage frequency	Ta	50/60Hz	
1.4 input current		<0.22A	
1.5 input power	25°C,input rated voltage, output max rated load	<37W	
1.6 Efficiency	25°C,input rated voltage, output max rated load	85%	
1.7 power consumption without load	25°C,input rated voltage,output without load	<0.5W	Average
1.8 power factor	25°C,input rated voltage, output max rated load	≥0.90	
1.9 input surge current	25°C,input rated voltage, output max rated load	<60A	Peak
2.output			
2.1 startup time	25°C,input rated voltage, output max rated load	0.5S @180Vac 50Hz	
2.2 constant output current and precision	Ta ,input rated voltage, output max rated load	--	
2.3 rated output power/led lights quantity	Ta ,input rated voltage	--	
2.4 output current ripple wave	25°C,input rated voltage, output max rated load	--	
2.5 overshoot	25°C,input rated voltage,output for 2 lights connection,	--	
2.5 rated output voltage and precision	Ta ,input rated voltage,output rated load	12V±5%	
2.6 output voltage ripple wave	25°C,input rated voltage, output max rated load	250mV	Vp-p
2.7 output open circuit voltage	Ta ,input rated voltage, output without load		
2.8 dimmable mode		--	
2.9 dimmable scope		--	
3. protection			
3.1 open circuit protection	Ta,input rated voltage, output without load	"--	
3.2 overload protection	Ta ,input 0.94-1.06 times rated voltage,output 1.1 times rated load	yes	
3.3 short circuit protection	Ta ,input 0.94-1.06 times rated voltage,output short circuit for 1 hour	yes	
3.4 over heat protection	before Tc temperature reaches 115°C	"--	
3.5 automatically re-start	Ta , overload, short circuit, over heat protection retreated	yes	
4. temperature and others			
4.1 working temperature		-20°C~45°C	
4.2 relative humidity		45%~85%	
4.3 max cover temperature		85°C	<90°C
4.4 life span	under max Ta,input rated voltage and ouput max rated load	30000hr	
4.5 working noise	25°C,under the condition of input rated voltage,output rated load,background noise<30dB, pickup is 10cm far away from product		
5. mechanical structure, mounting and connection way			
5.1 cover material and sizes	plastic cover,L251xW30xH16mm		
5.2 mounting mode	independent		
5.3 anti-electric shock	Class II		
5.4 protection grade	IP20		
5.5 input connection way	H03VVH2-F 2X0.75mm ²		
5.6 output connection way	H03VVH2-F 2X0.75mm ²		
5.7 output wires length	2meter max		
6. Standard request			
6.1 safety	IEC61347-1、IEC61347-2-13		
6.2 harmonic	25°C,input rated voltage,MAX rated load	IEC61000-3-2	
6.3 EMI	25°C,input rated voltage,load is typical lights	IEC55015	
6.4 EMS	25°C,input rated voltage,load is lights	IEC61547	