



Bright Star Lighting Co.,Ltd

MSD-DIM-CV-60W

TRIAC dimmable constant voltage led driver



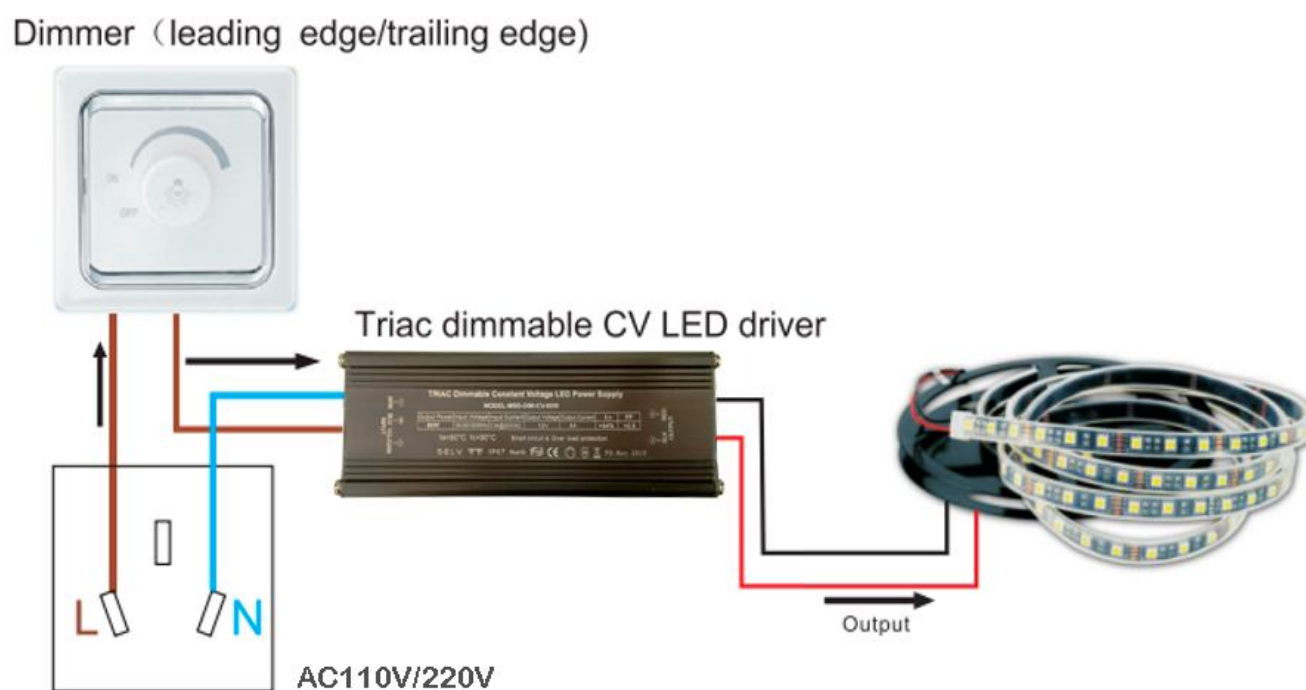
- Features特征:
- The output voltage is constant.输出模式：恒压
 - Fir for trailing&leading edge dimmers.兼容前沿/后沿调光
 - Using active built-in PFC techology.采用PFC技术
 - Efficiency>83% PF>0.90.效率>83%功率因素PF>0. 90
 - Protection:SCP/OVP.短路保护 过压保护
 - Aluminum waterproof design.全铝防水设计
 - Easy to install.容易安装
 - Nature cooling.自然冷却
 - CE/ROHS/SAA/TUV passed.CE/ROHS/SAA/TUV认证
 - 5 Years warranty.5年质保

规格书Specification Sheet

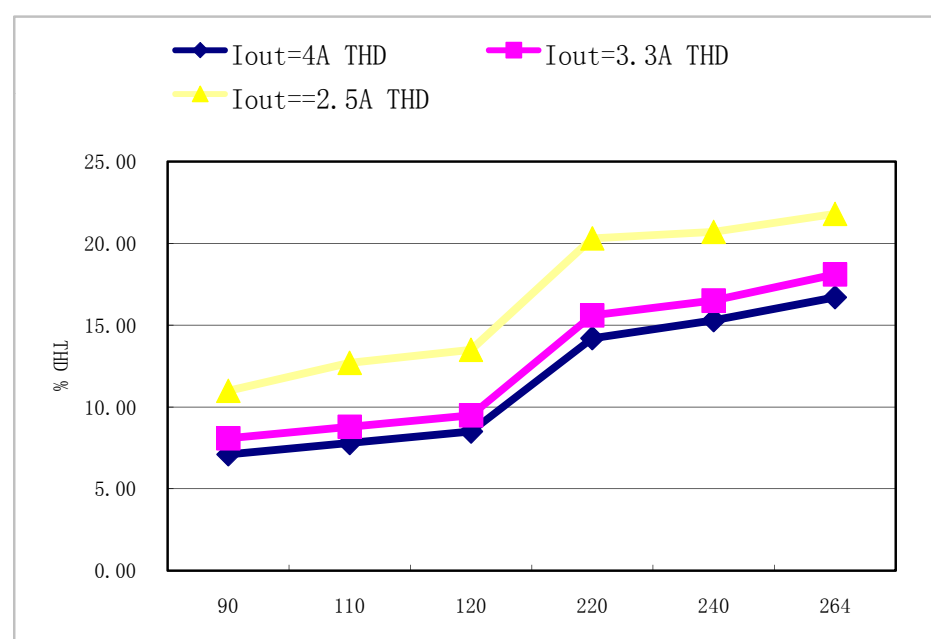
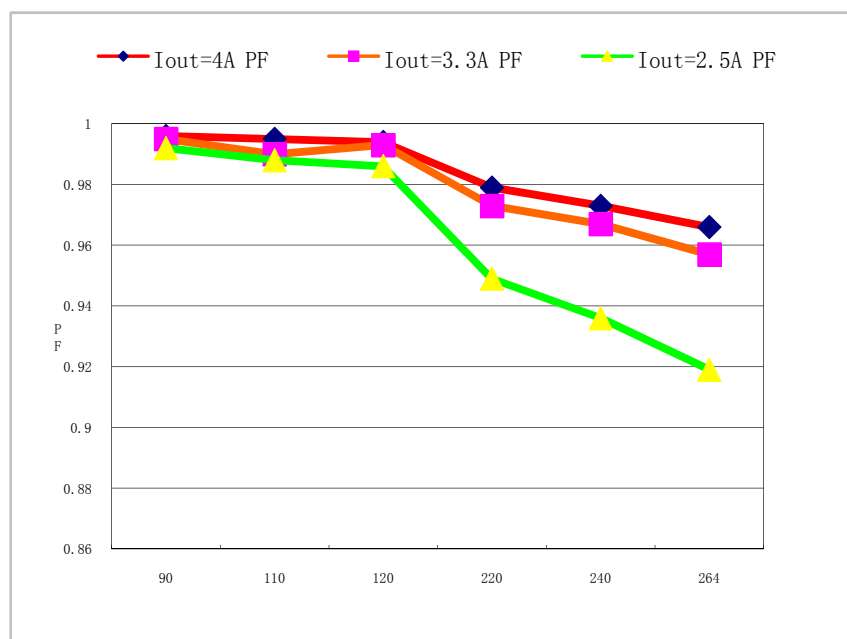
名称Model	恒压源CV	MSD-DIM-CV-60W			
输出 Output	输出电压 Output Voltage	12V		24V	
	恒流精度 Current Precision	±5%			
	输出电流 Output Current	4000ma		2500ma	
	输出功率 Output Power	48W		60W	
	线性调整率Line Regulation	1%			
输入 Input	输入电压 Input Voltage Range	AC 100-140V or 180-240V			
	输入电流 AC Current(Typ)	0.69A@100VAC 0.57A@120VAC 0.32A@220VAC 0.28A@240VAC			
	频率 Frequency Range	47-63Hz			
	功率因数 PFC(Typ)	>0.90@full load			
	效率 Full-loading Efficiency	>80%@full load		>85%@full load	
异常保护 Protection	保护类型 Short Circuit	Short circuit protection / Over voltage protection			
	最大输入电压Over Voltage	<265VAC			
使用环境 Environment	工作温度Operation Temperature	-25~+50℃			
	工作湿度Operation Humidity	20~90%			
	存储 Storage	-40~ +85℃， 10~95%RH			
	温度系数Temperature Coefficient	±0.03%/℃ (-45~50℃)			
	抗震能力Vibration Resistance	10~500HZ,2G 10Min/period,X、Y、Z line per 60 mins			
安规与电磁兼容 Safety&EMC	标准 Standard	Refer to EN-60950-1			
	耐压 Withstand Voltage	I/P-O/P:3.75KVAC			
	绝缘强度Insulating Strength	I/P-O/P:400M Ω/500 VDC/25℃/70%RH			
	传导 EMC Emission	To Correspond EN55015,EN61000-3-2(≥ 50% load)			
	辐射 EMC Immunity	To Correspomd EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV)			
其他Other	重量Weight	600g			
	尺寸Dimension	178*56*35mm (L*W*H)			
	PCB材质	94V-0 PC fire retardant			
	颜色Color	Dark Grey			
	包装Packing	44*28*18cm/20pcs			
NOTE	All parameters are measured at normal temperture(25-28℃) 1、Ripple & Noise are measured at 20KHz of bandwidth by using a 12" twisted pair-wire teminated with a 0.1 uf & 47uf parallel capacitor(@ full load). 2、The efficiency measured at Max output voltage,and 230VAC with full load,if with 110VAC the efficiency will be lowered 0.5%~1.5%;Working 1~2 hours,efficiency will be higher 1.5%~1%than the initial stage.				

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1.Wiring diagram



2.Power Factor & THD Characteristics



3.Efficiency & Load of (110VAC / 230VAC)

