VANRAIN 万润
智能之光 • 璀璨万家

SEZB涂鸦ZIGBEE系列LED驱动器
涂鸦平台，zigbee协议，两路输出共阳极，无线调光调色

Model：SEZBxxWxxxZ-A0

Powered by tuya
Intelligence Inside

产品说明 / Product description

● 无线调光和色温可调 /Wireless dimmable and CCT tunable

● 无需安装控制线和其他控制器 /No need install control wire and other controllers

● 两路输出，共阳极 /Two channels output, common anode

● 输出恒流驱动器 /Output constant current driver

● 符合CE、CCC /Comply with CE、CCC

● 3年质保 /3 years warranty
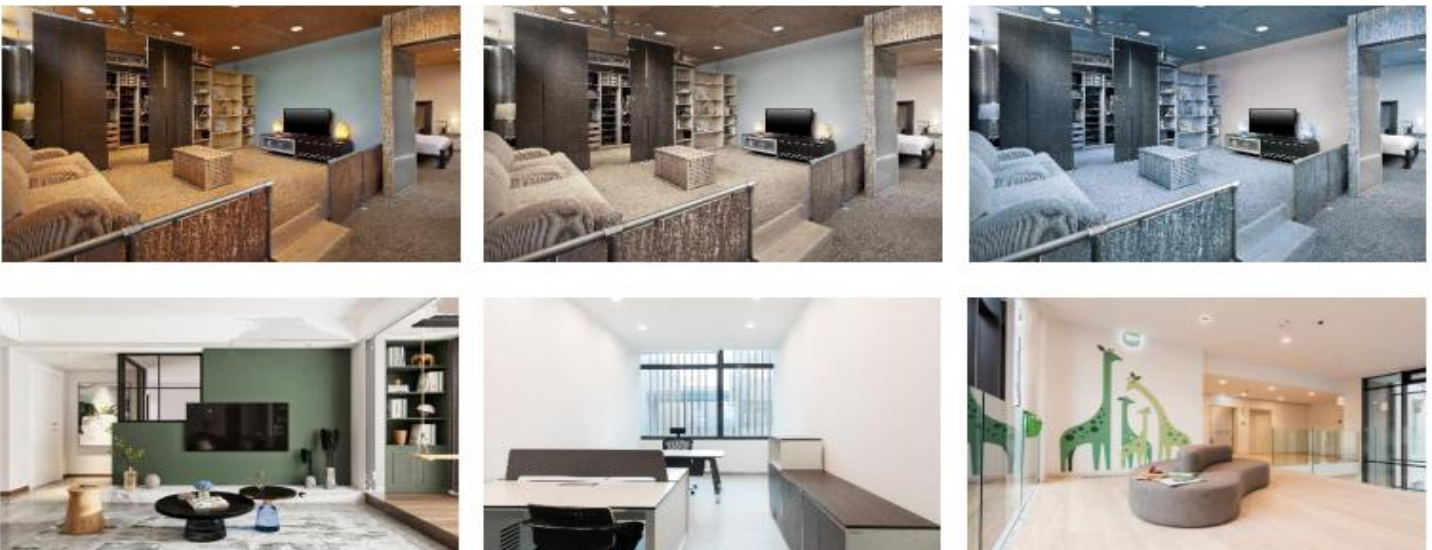
● 涂鸦平台，ZIGBEE 协议/Tuya platform, ZigBee protocol

功能 / Functions

● 通过ZIGBEE无线控制调光和色温调节 /Through ZigBee wireless control dimming and color temperature adjustment

● 场景模式控制/Scene mode control

● 短路保护 /short-circuit protection

● 空载保护 /No-load protection

● 浪涌电压1KV /Surge protection voltage 1KV

● 低PF无频闪 /low PF no strobe

应用 /Application

适用于家居照明、办公照明、商业照明的调光调色温应用场景

技术数据 /Technical Data

For Driver

型号/Model No.	SEZBxxWxxxZ-A0 ❶
额定输入电压/Rated Input Voltage	220-240V
最大输入电流/Max Input Current	0.14A
电源频率/Mains Frequency	50/60Hz
输出电压/Output Voltage	28-40V DC
输出电流范围/Output Current Range	110-450mA
调光范围/Dimming Range	1%-100%
效率/Efficiency	＞80%
功率因数/Power Factor@full load	＞0.5
寿命/Life Span	20,000Hour
使用温度/Ambient Temperature Ta	-20℃…+40℃
储存温度/Storage Temperature Ts	-20℃…+80℃
尺寸/Dimension	111x42x25mm

❶ 前面xx表示功率，后面xxx表示输出电流，单位为mA。例如 SEZB20W450Z-A0表示功率为20W，输出电流为450mA /The front XX represents power, and the back XXX represents output current, in Ma. For example, SEZB20w450Z-A0 indicates that the power is 20W and the output current is 450mA
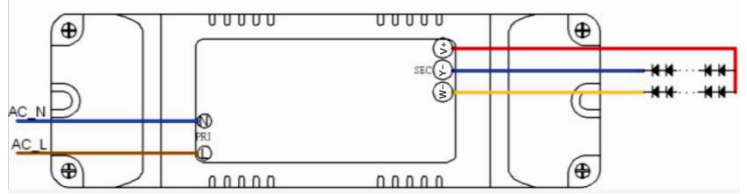
For RF- ZIGBEE

可控距离/Controllable Distance	30Meters without Obstacle
协议/Protocol	zigbee
频率范围/Frequency Range	2405Mhz….2480Mhz
接收灵敏度/Receiving sensitivity	-101dBm@250Kbps
发送功率/Transmission power	+20dBm（Max）
天线类型/Antenna type	PCB internal antenna
天线增益/Antenna Gain	1.0dBi
工作温度/Operating Temperature	-20℃…+85℃

Standard

LVD	EN61347-2-13
LVD	EN61347-2-13
EMI	EN55015
RED	EN300 440
RED	EN301489-1/ EN301489-3
EMS	IEC6100-3-2/IEC6100-3-3
EMS	IEC6100-4-2/ IEC6100-4-3/ IEC6100-4-4
EMS	IEC6100-4-5/ IEC6100-4-6/IEC6100-4-8

安装接线 /Installation and Wiring
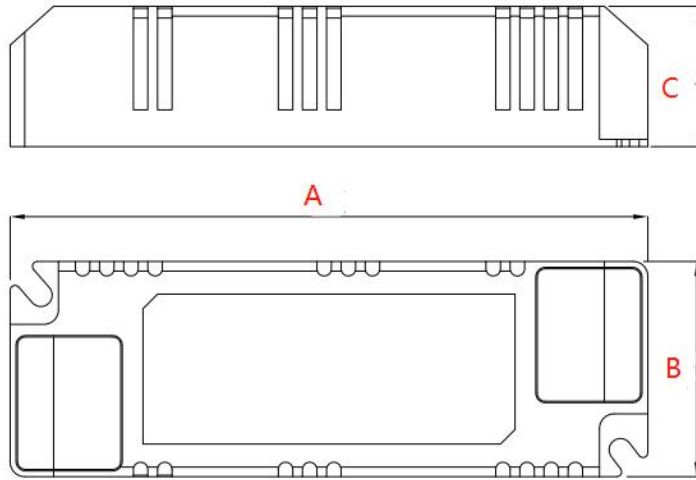
接线图 /Wiring Diagram

- 双路输出，共阳极，**W-**用于冷白色**LED**，**Y-**用于暖色**LED** /Two channels output, common anode, W- for cool white LED,Y-for warm LED
- 建议1：所有的连接尽可能短，以确保良好的EMC性能。Suggestion 1: make all connection as short as possible to ensure good EMC behavior.
- 建议2：使用0.75-1.0mm² 电线裸线长度7-8mm /Suggestion 2: use 0.75-1.0mm² wire, strip length 7-8mm

安装 /Installation

- 安装前需考虑散热/Heat dissipation must be considered before installation.
- 不能安装于全金属包围的环境中，会导致金属屏蔽信号影响数据的接收。/It can not be installed in the environment surrounded by all metal, which will cause the metal shielding signal to affect the data reception.
- 使驱动器尽可能远离周围环境中的电磁干扰，以确保射频控制行为/Keep the drivers as far as possible away from electromagnetic interference in the surrounding environment to ensure RF controlling behavior.
- 安装时一定要切断电源/Make sure to keep mains off while installation.

尺寸/Dimension

A*B*C=111*42*25 Unit:mm

所有型号和规格 /All models and specifications

SEZBxxWxxxZ-A0是该系列的通用型号，包括以下型号：

SEZBxxWxxxZ-A0 is the general model of the series, including the following models:

Model Number	Input Voltage/V	Max Input Current/mA	Input Power/W	Output Voltage/V	Output Current/mA	PF	Max Output Voltage/V
SEZB5W110Z-A0	220-240AC	50	5	28-40V	110	0.5	45
SEZB6W140Z-A0	220-240AC	60	6	28-40V	140	0.5	45
SEZB7W160Z-A0	220-240AC	70	7	28-40V	160	0.5	45
SEZB9W200Z-A0	220-240AC	90	9	28-40V	200	0.5	45
SEZB10W240Z-A0	220-240AC	100	10	28-40V	240	0.5	45
SEZB12W270Z-A0	220-240AC	120	12	28-40V	270	0.5	45
SEZB15W350Z-A0	220-240AC	150	15	28-40V	350	0.5	45
SEZB18W400Z-A0	220-240AC	180	18	28-40V	400	0.5	45
SEZB20W450Z-A0	220-240AC	200	20	28-40V	450	0.5	45