

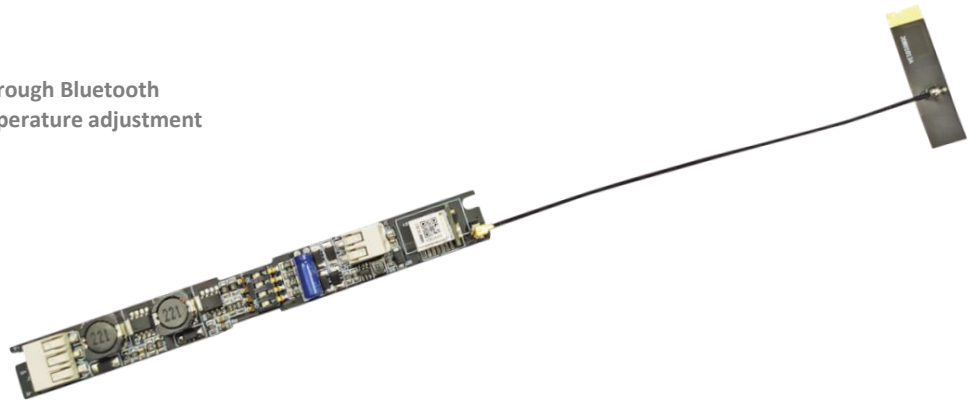
产品说明 / Product description

- 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
- 3年质保 /3 years warranty
- 涂鸦平台，蓝牙协议/Tuya platform, Bluetooth protocol
- 输入48VDC /Input 48VDC
- 输出电流可调/Adjustable output current



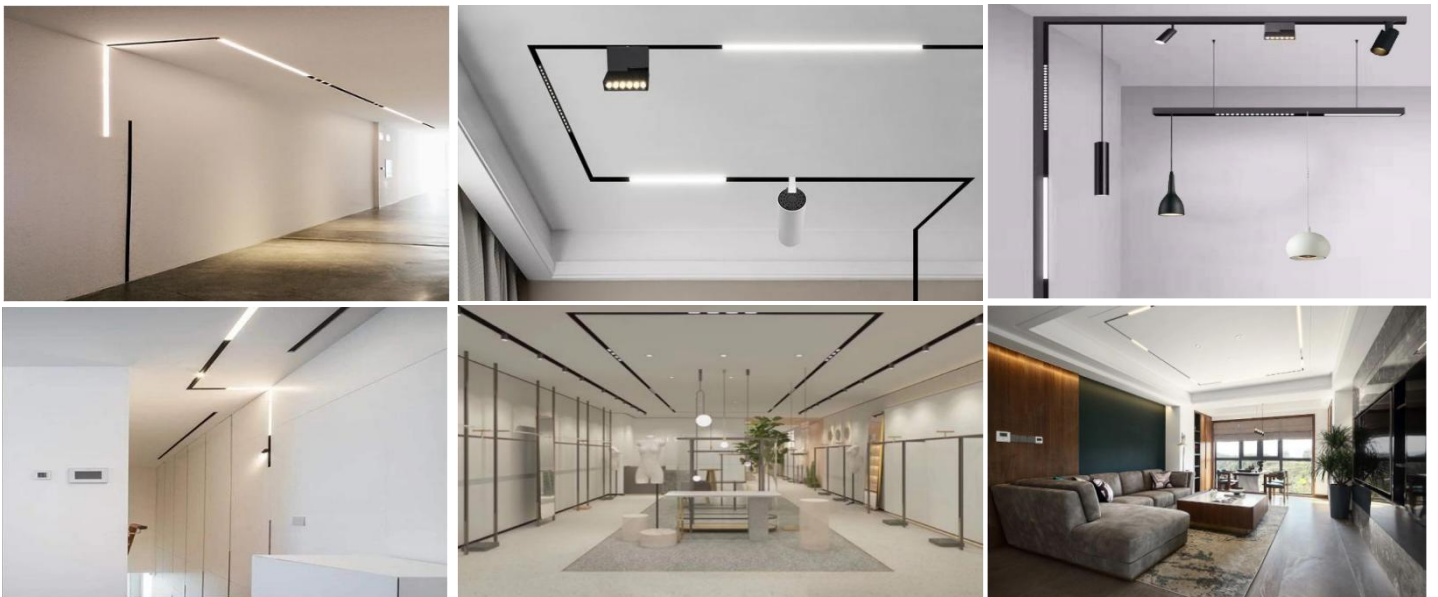
功能 / Functions

- 通过蓝牙无线控制调光和色温调节/Through Bluetooth 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
- 宽输出范围/Wide output range



应用 /Application

适用于家居照明、办公照明、商业照明的磁吸灯智能应用场景



技术数据 / Technical Data

For Driver

型号/Model No.	CXJY _{xx} W _{xxx} MA-T0 ①
额定输入电压/Rated Input Voltage	DC48V
最大输入电流/Max Input Current	0.5A
电源频率/Mains Frequency	/
输出电压/Output Voltage	3-42V DC
输出电流范围/Output Current Range	100-700mA
调光范围/Dimming Range	1%-100%
效率/Efficiency	> 85%
功率因数/Power Factor@full load	/
寿命/Life Span	20,000Hour
使用温度/Ambient Temperature Ta	-20°C...+40°C
储存温度/Storage Temperature Ts	-20°C...+80°C
尺寸/Dimension	126x14x7.5mm

① 前面xx表示功率，后面xxx表示输出电流，单位为mA，。例如CXJY24W600MA-T0表示功率为24W，输出电流为600mA /The front XX represents power, and the back XXX represents output current, in Ma. For example, CXJY24W600MA-T0 indicates that the power is 24W and the output current is 600mA

For RF-Bluetooth

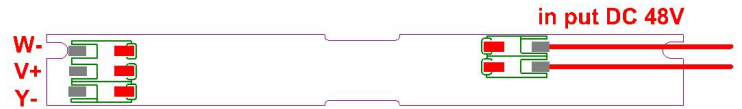
可控距离/Controllable Distance	30Meters without Obstacle
协议/Protocol	BLE5.0
频率范围/Frequency Range	2405Mhz....2480Mhz
接收灵敏度/Receiving sensitivity	-99dBm@1Mbps
发送功率/Transmission power	+12dBm (Max)
天线类型/Antenna type	External antenna
天线增益/Antenna Gain	1.0dBi
工作温度/Operating Temperature	-20°C...+85°C

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

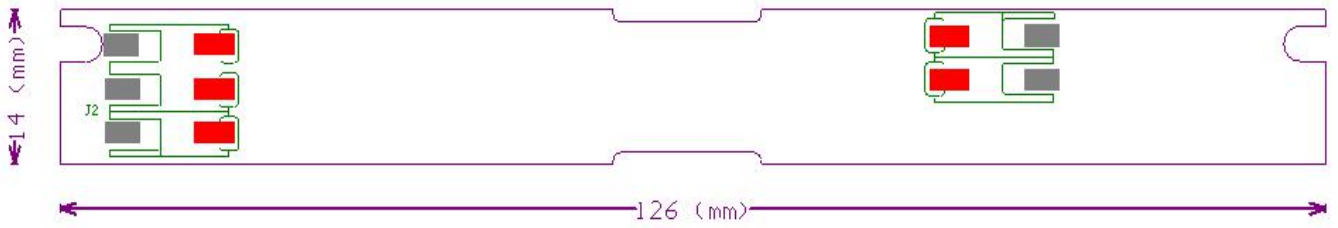


- 双路输出，共阳极，W-用于冷白色LED，Y-用于暖色LED /Two channels output, common anode, W- for cool white LED,Y-for warm LED
- 建议1：所有的连接尽可能短，以确保良好的EMC性能。 Suggestion 1: make all connection as short as possible to ensure good EMC behavior.
- 建议2：使用0.1-0.4mm² 电线裸线长度7-8mm /Suggestion 2: use 0.1-0.4mm² wire, strip length 7-8mm

安装 / Installation

- 安装前需考虑散热/Heat dissipation must be considered before installation.
- 天线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。 /The antenna 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



长*宽*高=126*14*7.5 Unit:mm

所有型号和规格 /All models and specifications

CXJYxxWxxxMA-T0是该系列的通用型号，包括以下型号：

CXJYxxWxxxMA-T0 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	Communication protocol
CXJY12W300MA-T0	48VDC	250	12	3-42V	Bluetooth
CXJY24W600MA-T0		500	24	3-42V	Bluetooth
CXJY15W350MA-T0		310	15	3-42V	Bluetooth
CXJY24W700MA-T0		500	24	3-42V (450-550mA) 3-36V (600-700mA)	Bluetooth
Output current selection					
Model Number	PIN 1	PIN 2	PIN 3	PIN 4	Output current (mA)
CXJY12W300MA-T0	OFF	OFF	OFF	OFF	140
	ON	OFF	ON	OFF	180
	OFF	ON	OFF	ON	240
	ON	ON	ON	ON	300
CXJY24W600MA-T0	OFF	OFF	OFF	OFF	380
	ON	OFF	ON	OFF	460
	OFF	ON	OFF	ON	520
	ON	ON	ON	ON	600

Output current selection

Model Number	PIN 1	PIN 2	PIN 3	PIN 4	Output current (mA)
CXJY15W350MA-T0	OFF	OFF	OFF	OFF	100
	ON	OFF	ON	OFF	200
	OFF	ON	OFF	ON	250
	ON	ON	ON	ON	350
CXJY24W700MA-T0	OFF	OFF	OFF	OFF	450
	ON	OFF	ON	OFF	550
	OFF	ON	OFF	ON	600
	ON	ON	ON	ON	700