



Huizhou Wisva Optoelectronics Co.,Ltd

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Product Specification

产品规格书

Item No.: B120208-CCT-2in1
产品型号:

Series: Dual White Series
产品系列: 双色温系列

Confirmation/制作	Approval/审核	Audit/确认	Date/日期	Version/版本
BOB	林延安		2022/4/12	1.0

Features(特征)

Dual white color in one led strip, CCT adjustable from 2700K to 6500K.
双色温灯带, 色温可调范围: 2700K - 6500K.

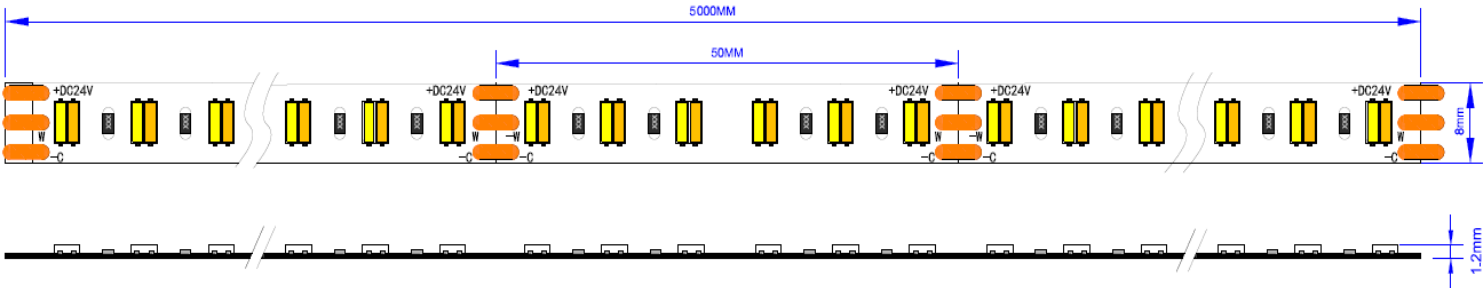
2835 2in1 SMD, warm white and cold white in one LED, excellent mixed color for color changing.
2835双色一体灯珠, 混光效果较分体设计更加均匀, 自然.

Double layer 2oz PCB, balancing voltage drop, heat dissipation and flexibility.
双面板2盎司铜箔柔性FPC，兼顾产品压降、散热及柔性.

Picture(图片)



Dimensions(尺寸)



Specifications(参数)

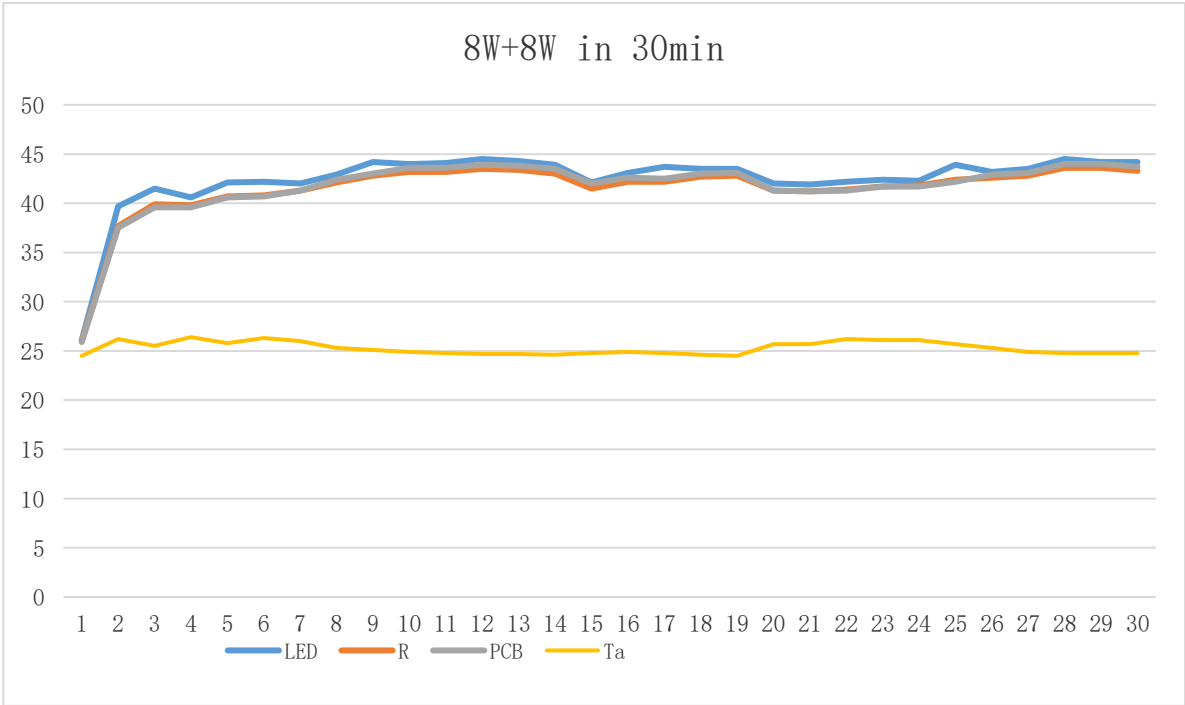
Item NO. 产品型号	B120208-CCT-2in1	
Input Voltage 输入电压	24V	
PCB 板子	8mm, 2oz, white	
CCT 色温	2700K	6500K
Power 功率	8W/m	8W/m
Brightness 亮度	800Lm/m	880Lm/m
Efficiency 光效	100Lm/W	110Lm/w

Ra	Ra 80+
显色指数	
Package Length	5 meters
包装长度	
Size	Width: 8mm; Height: 1.2mm
尺寸	
Cutting Length	50mm
裁剪长度	
Lifespan	50,000 H
工作时长	
Working Temperature	-20°C - 40°C
工作温度	
Storage Temperature	-20°C - 45°C
储存温度	
Warranty	3 years
质保	

* The above measurements of watts, brightness and efficiency allowance tolerance $\pm 10\%$.
* 以上功率和光效允许误差范围是 $\pm 10\%$.

* The above measurements are based on IP20.
以上测量均基于IP20.

Temp. Curve(温升曲线)



* The above curve is based on the first 30 minutes testing data. Typically, the temperature stabilizes within 30 minutes.
* 以上曲线基于前30分钟的测试数据, 通常, 温度会在通电30分钟以内达到稳定.

* The x-axis indicates the minutes from 1 minutes to 30 minutes.
* X轴表示时间从第1分钟到第30分钟.

* The y-axis indicates the changes of temperatures in Glue, Resistor, PCB and room temperatures.
* Y轴表示胶水, 电阻, PCB和环境温度变化.

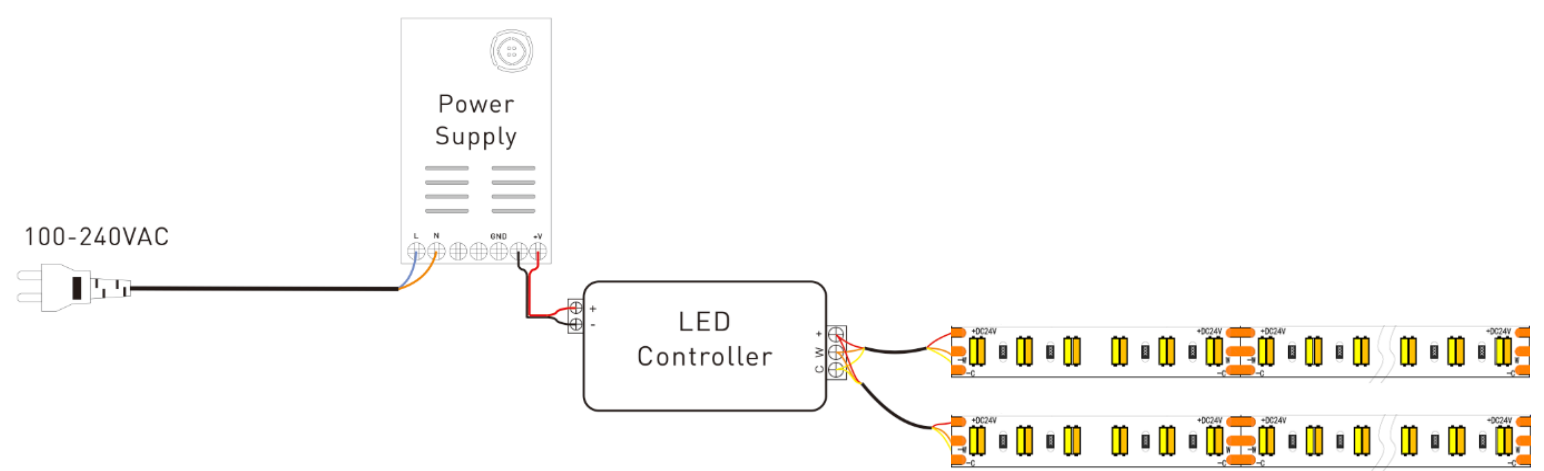
* The above test are based on dual channels running at max watts. However, in most of installations, the CCT strip use CCT controller running mixed CCT at 8W/m only.

*以上的测试基于双通道运行在最大功率, 但是大部分安装场景中, COB可调色温灯带是和控制器一起工作的, 控制器会使得混合色温的功率运行在8W/m.

Waterproof Ways(防水方式)

Waterproof Ways 防水方式	IP Rating 防水等级	Details 细节说明
	IP54	PU or Silicone glue on the surface of the led strips. 表面滴PU或者硅胶
	IP65	Injected with Silicone Tube or Heat Shrink Tube. 硅胶套管或者热缩套管防水.
	IP67	IP67 Extrusion, Integrated Silicone 挤出型硅胶防水, 中空
	IP68	Solid Integrated Silicone glue, or silicone glue with silicone tube 挤出型一体化硅胶防水, 实心; 或者灌胶(硅胶套管里加硅胶)

Installation Ways(安装方式)



* Make sure of the total watts of COB Strip lights is less than 80% of the power supply's max output.
确保灯带的总的功率小于电源输出功率的80%.

* Match the polarities according to the mark ('+' and '-') in the PCB while connecting.
连接时, 请对准PCB板子上标注的极性.

Applications(应用)

* Residential lighting, decorative lighting.
住宅照明, 装饰照明.

Package(包装)

①) 5 meters per roll.

5m一卷.

②) Each roll packed with anti-static bags, and label on it.

每一卷放入静电袋中, 静电袋表面贴标签.

③) 25 rolls into a inner box(30cm x 24cm x 26cm).

25卷放入一个内箱中(30cm x 24cm x 26cm).

④-⑤) 2 inner boxes into a large carton (50cm*30cm*29

2个小箱放入一个大箱.

