



Huizhou Wisva Optoelectronics Co.,Ltd

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Product Specification

产品规格书

Item No.:

HH-SWWW612F010W12-COB
产品型号:

Series: COB Series

产品系列: COB系列

Confirmation/制作	Approval/审核	Audit/确认	Date/日期	Version/版本
Bob	林延安		2022/3/1	1.0

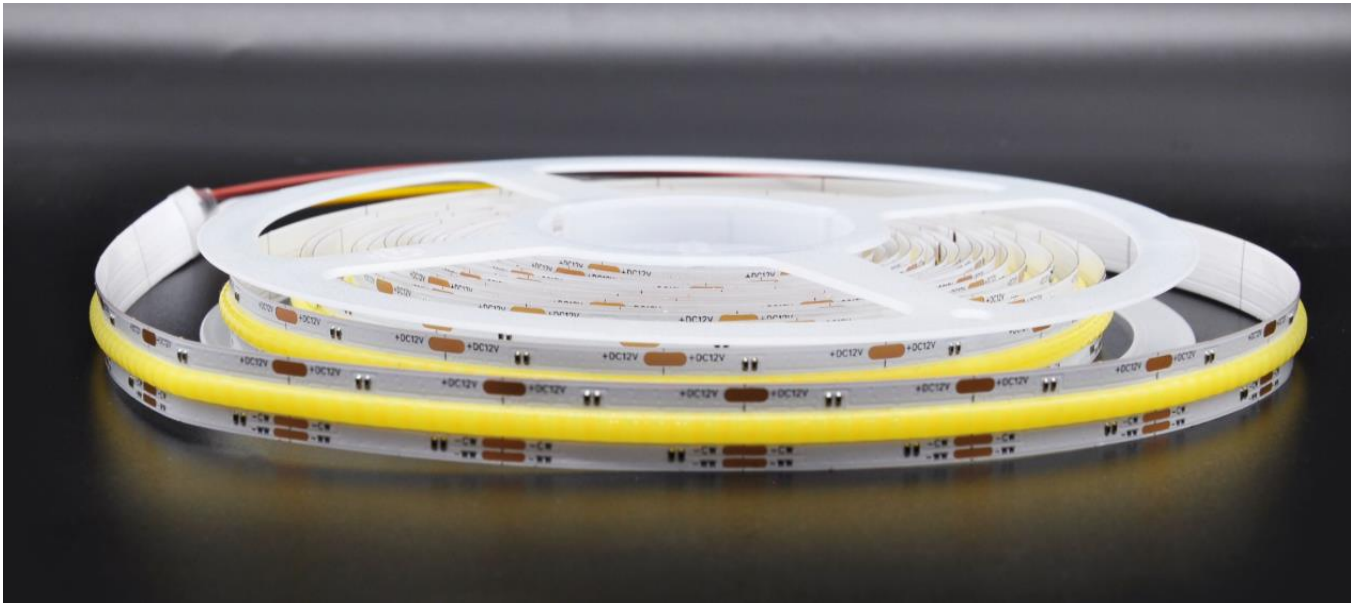
Features(特征)

Chip-on-Board design, high density LED, even and uniform lighting.
COB设计方案, 高密度LED, 发光均匀一致.

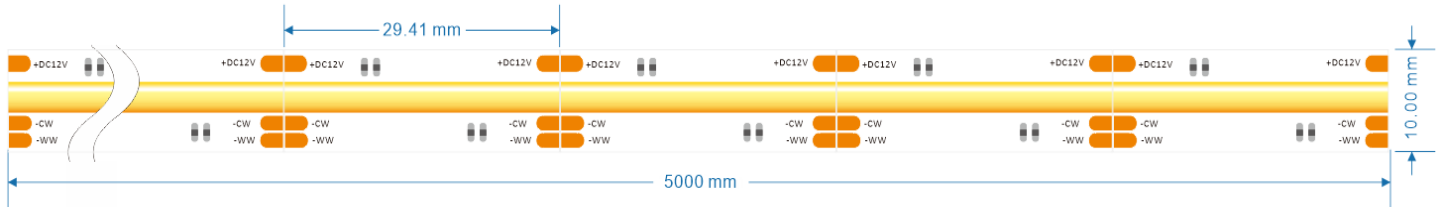
Dual white design, color changing from 2700K to 6500K.
双色温设计, 颜色从2700K变化到6500K.

Double layer 2oz PCB, balancing voltage drop, heat dissipation and flexibility.
双面一盎司铜箔柔性FPC, 兼顾产品压降、散热及柔性.

Picture(图片)



Dimensions(尺寸)



Specifications(参数)

Item NO.	HH-SWWW612F010W12-COB	
产品型号		
Input Voltage	12V	
输入电压		
PCB	10mm, 2oz, white	
板子		
Ra	Ra 80+	
显色指数		
CCT	2700K	6500K
色温		

Power	8W/m	8W/m
功率		
Brightness	560Lm/m	800Lm/m
亮度		
Efficiency	70Lm/W	100Lm/w
光效		
Package Length	5 meters	
包装长度		
Size	Width: 10mm; Height: 1.6mm	
尺寸		
Cutting Length	29.41mm	
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		

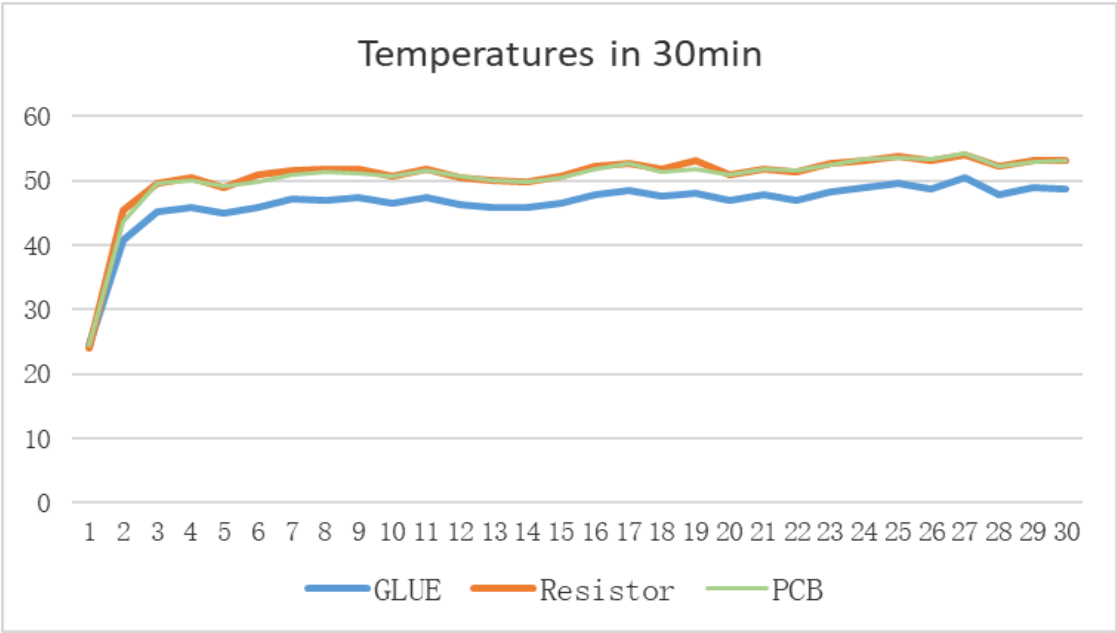
* The above measurements of watts, brightness and efficiency allowance tolerance ±10%.

* 以上功率和光效允许误差范围是±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 based on 30 minutes testing data. The Temp. changes after powering within 30 minutes.

* 以上的曲线基于30分钟的测试数据, 显示通电之后30分钟的温度变化.

* 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 under ambient TC at 25°C.

* Y轴表示胶水, 电阻, PCB和环境温度变化.

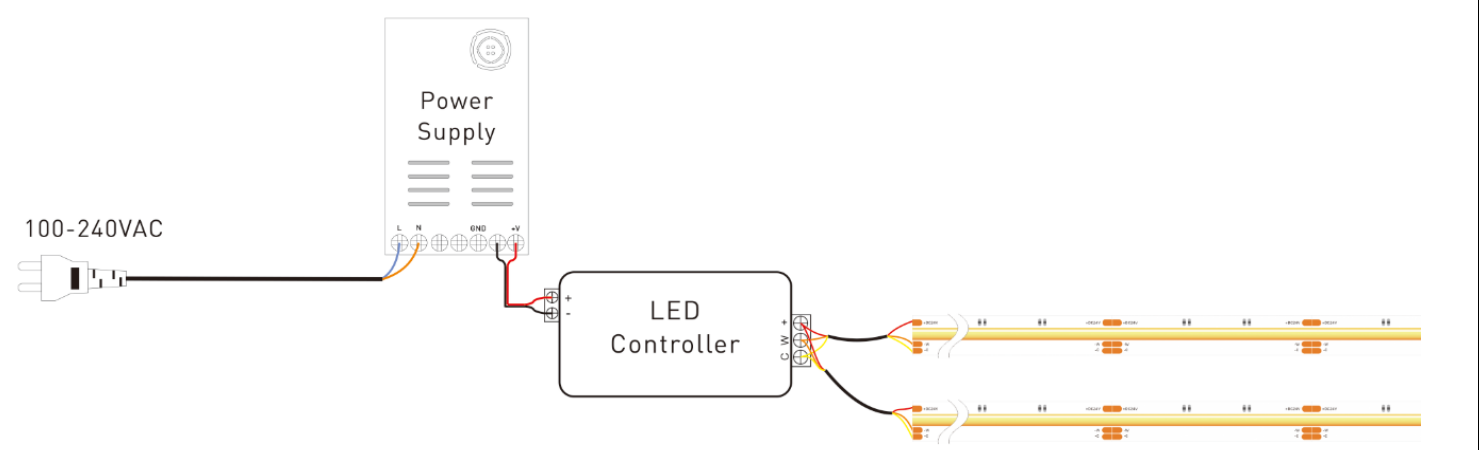
* The above test are based on dual channels running at max watts. However, in most of installations, the COB CCT strip are used with CCT controllers, which will make the COB CCT strip running in 8W/m only.

*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COB可调色温的功率运行在8W/m.

Waterproof Ways(防水方式)

Waterproof Ways	IP Rating	Details
防水方式	防水等级	细节说明
	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

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*29cm).

2个小箱放入一个大箱.

