



Huizhou Wisva Optoelectronics Co.,Ltd

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Product Specification

产品规格书

Item No.:

产品型号: HH-SWWW640F010W24-COB-0302WW

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		2022/9/30	2.0

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.

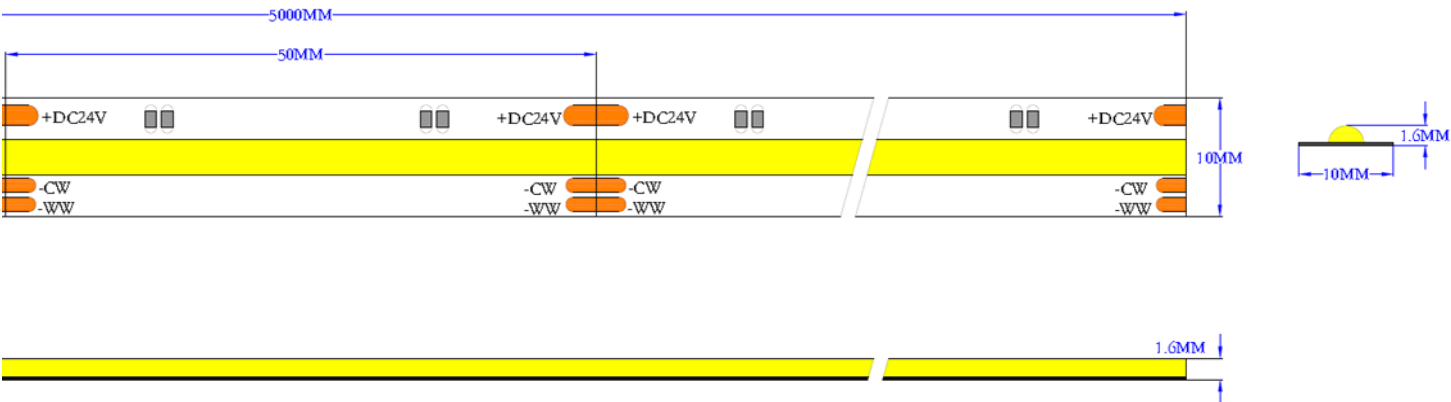
Dual white design, color changing from 2700K to 6500K.
双色温设计, 颜色从2700K变化到6500K.

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)

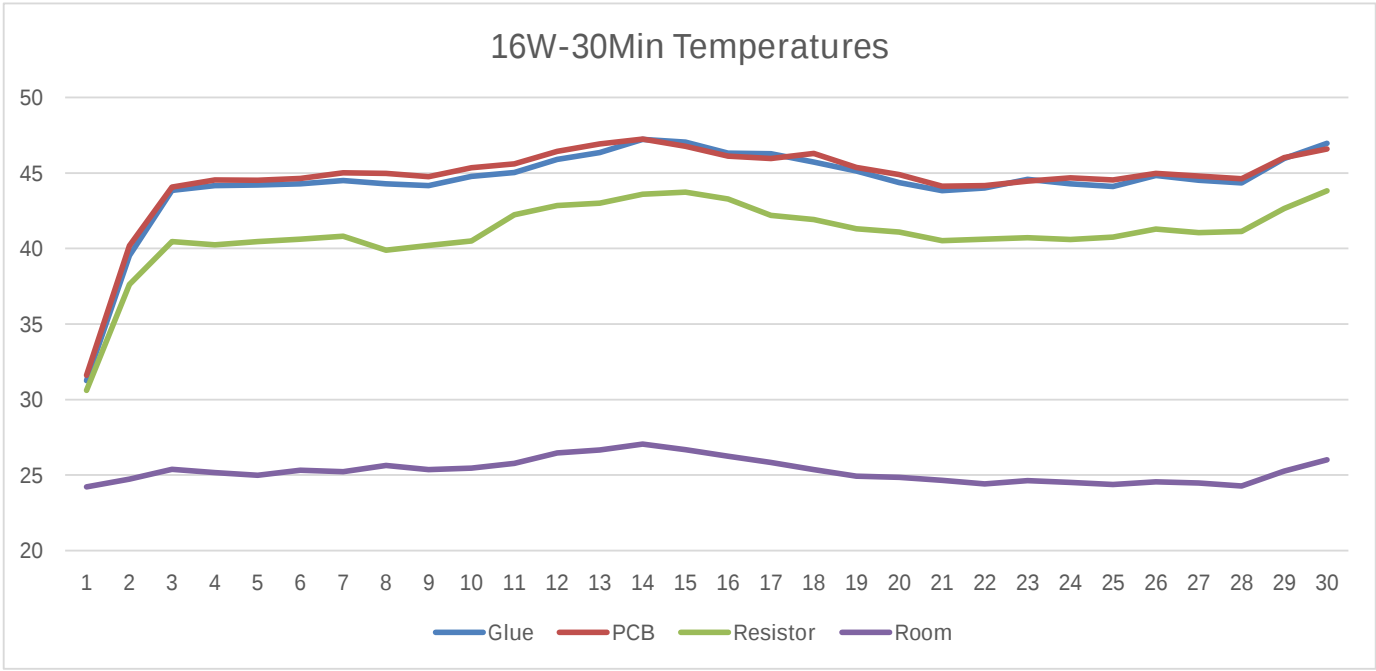
Item NO.	HH-SWWW640F010W24-COB-0302WW
产品型号	
Code	COB640210-CCT
代码	
Input Voltage	24V
输入电压	
Ra	Ra 90+
显色指数	

CCT 色温	2700K	6500K	Mix (混光)
W/M 功率/米	8	8	8
Lm/M 亮度	640	800	720
Lm/W 光效	80	100	90
Size 尺寸	W 10mm H 1.6mm L 5000mm		
Cutting Length 裁剪长度	50mm		
Lifespan 工作时长	50,000 H		
Working Temperature 工作温度	-20°C - 40°C		
Storage Temperature 储存温度	-20°C - 45°C		
Warranty 质保	3 years		

* 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 curves indicate the temp. changing in glue & PCB within 30 minutes after powering on, under the ambient temperature of 25 °C.

以上曲线表示点亮30分钟内荧光胶和PCB的温度变化曲线, 其测试环境温度为25°C。

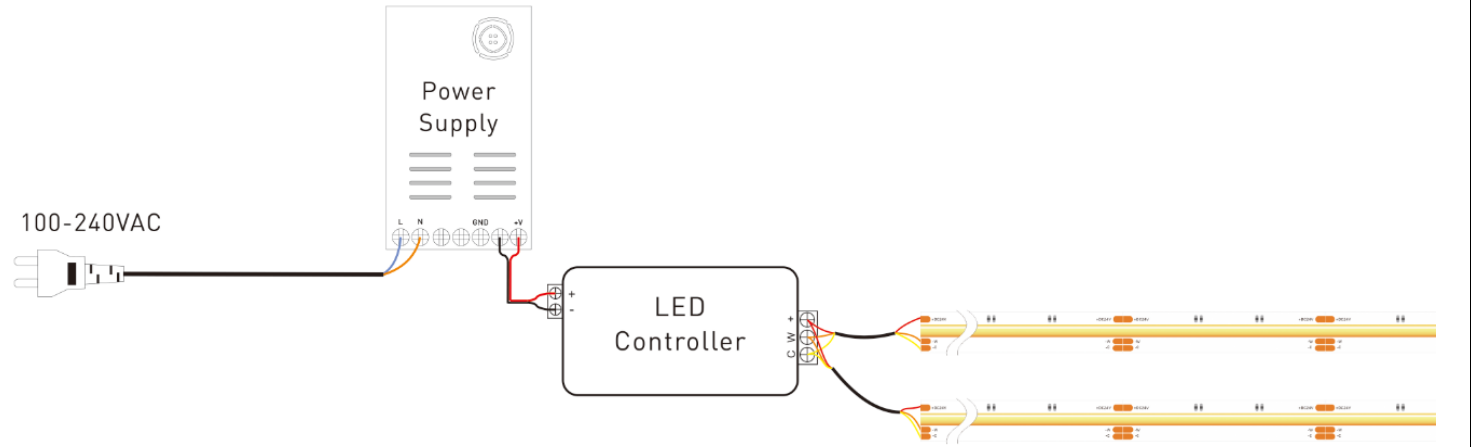
* The above test are performed on dual channels running at max watts. However, the CCT led strips are often used with CCT controllers, which will make the CCT strip running at 8W/m for mixed light.

*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)

Cross Section 横截面	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	Silicone Tube or heat-shrink tube 硅胶套管/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%.

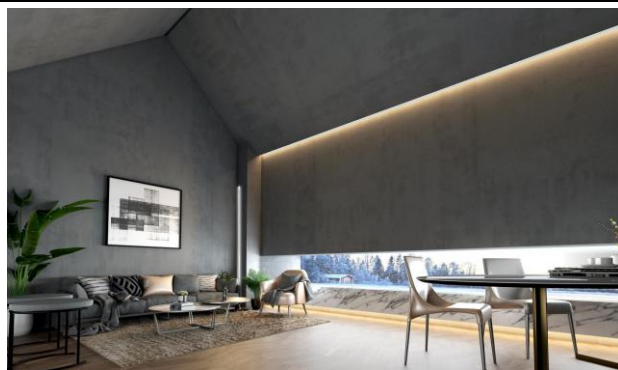
* Match the polarities according to the mark ('+' and '-') in the PCB while connecting.

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.

