

Features(特征)

Super high density, only 4.46mm distance between same color LEDs.
超高密度, 相同颜色的灯珠间距只有4.46mm.

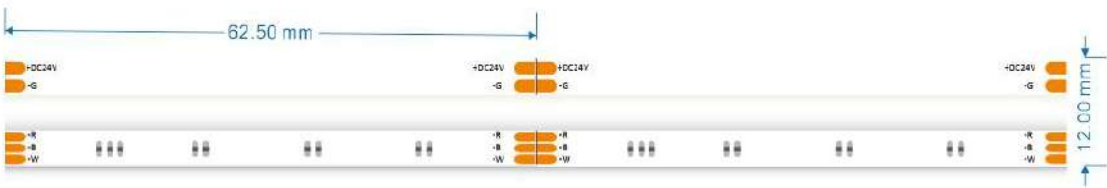
Double layer FPC, balancing the voltage dropping, heat dissipation and flexibility.
双面FPC, 兼顾产品压降, 散热和柔韧性.

Compatible with most of the RGBW controllers in the markets.
兼容市面上大部分的RGBW控制器.

Picture(图片)



Dimensions(尺寸)



Specifications(参数)

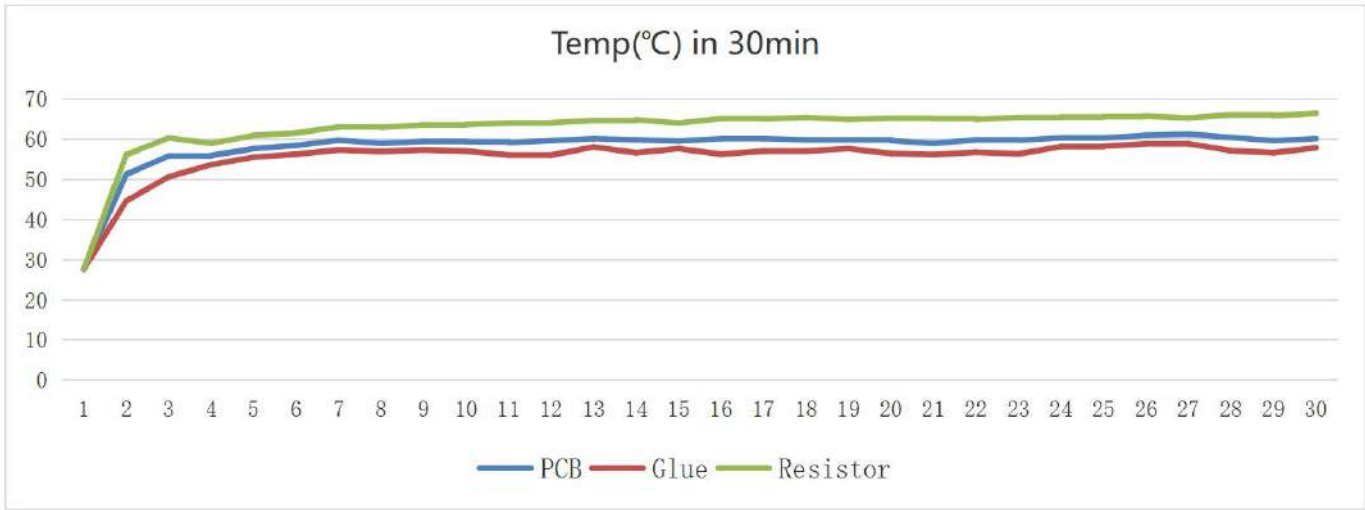
Item NO.	30844 COB896RGBW			
产品型号				
Code	COB896-RGBW			
代码				
Input Voltage	24V			
输入电压				
Size	W 12mm H 1.6mm L5,000mm			
尺寸				
Power	R	G	B	W @4000K
功率				
W/M	4	3.5	4.5	4
功率/米				
Lm/W	27	106	63	75
光效				
Lm/M	108	371	283.5	300
亮度				

Cutting Length	62.5mm
裁剪长度	
Lifespan	50,000 H
工作时长	
Working Temperature	-20℃ - 40℃
工作温度	
Storage Temperature	-20℃ - 45℃
储存温度	
Warranty	3 years
质保	

* the given electrical data reflect typical values, each can vary up to 10%.

* 以上为典型的电学参数, 其允许误差范围是±10%.

Temp. Curve(温升曲线)



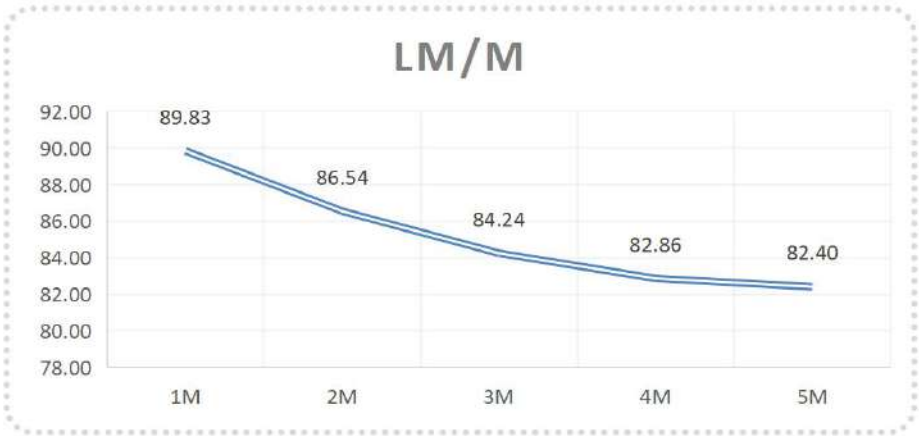
The above curves indicate the temp. changing in resistors, glue & PCB within 30 minutes after powering on, under the ambient temperature of 25 °C.

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

Brightness Consistency(亮度一致性)

The following charts shows the parameters on each meter based on 5M length.

以下表格展示5米中每一米的电学参数.



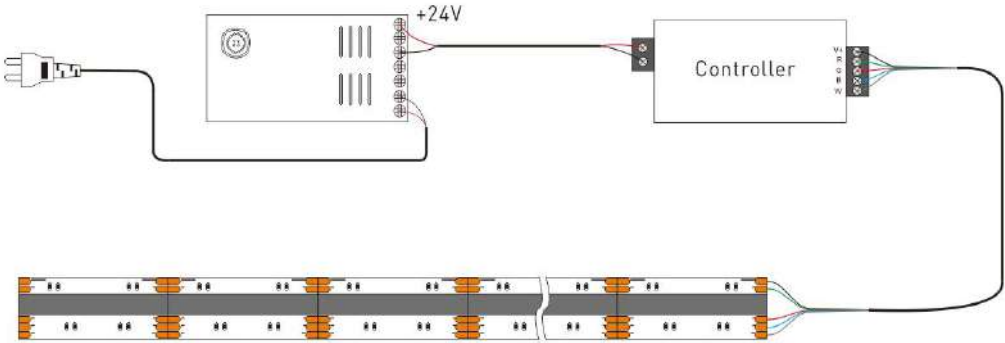
From above chart, please connect 5M at most by one-end power to keep brightness consistency.

基于以上数据, 推荐单端供电时可安装的最大长度为5米。

Waterproof Ways(防水方式)

Cross Section	IP Rating	Details
横截面	防水等级	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 ('R', 'G', 'B', 'W' and '+') in the PCB while connecting.
连接时, 请对准PCB板子上标注的通道和极性.
- * Recommend using aluminum profile or heat sink to help heat dissipation.
推荐使用铝型材或者散热片辅助散热.

Applications(应用)

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



Package(包装)

1) 5 meters per roll.

5米一卷.

2) Pack each roll 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) Put 25 rolls into a inner box (32*25*26 cm).

每25卷放入一个内箱中 (32*25*26 cm).

4) Put 2 inner boxes into master box (51*34*29cm).

2个内箱放入一个外箱(51*34*29cm)中.

