

Features(特征)

Chips-on-board design, dot-free even without any profiles.
采用最新COB工艺, 无光斑免型材.

High LED density, only 1.23mm distance between each LEDs.
高密度芯片, 不同芯片间距仅 1.23mm

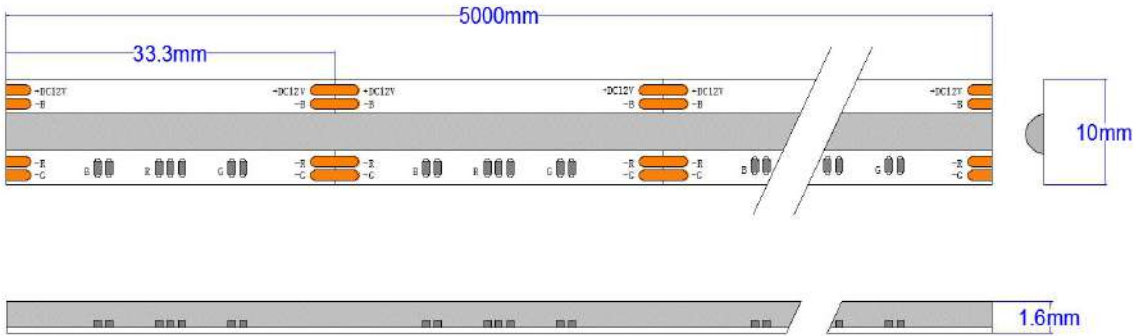
Double layer FPC, balancing the voltage dropping, heat dissipation and flexibility.
双面FPC, 兼顾产品压降、散热及柔性

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

Picture(尺寸)



Dimensions(尺寸)



Specifications(参数)

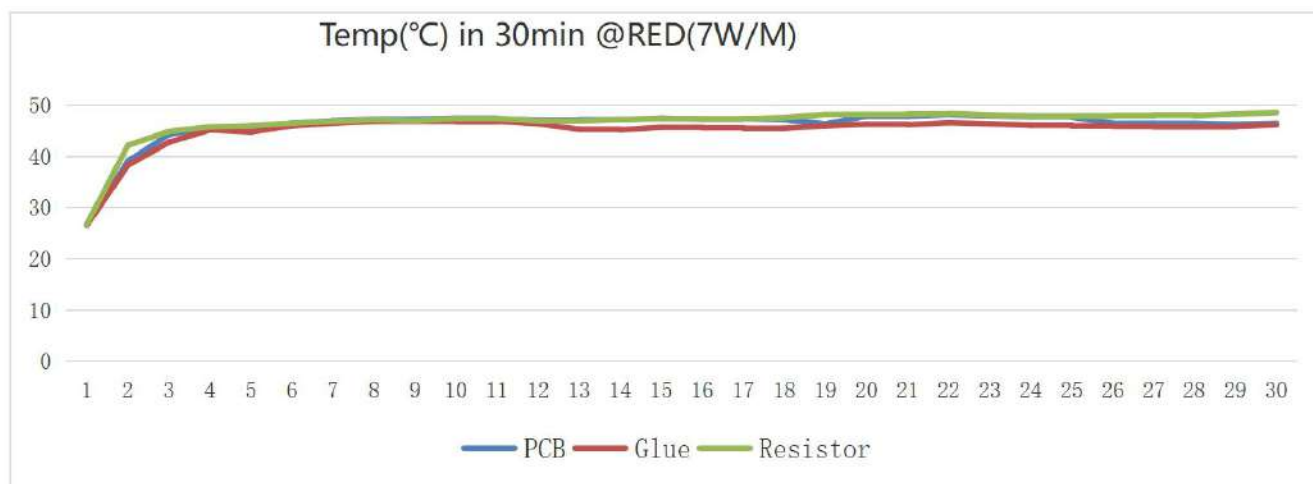
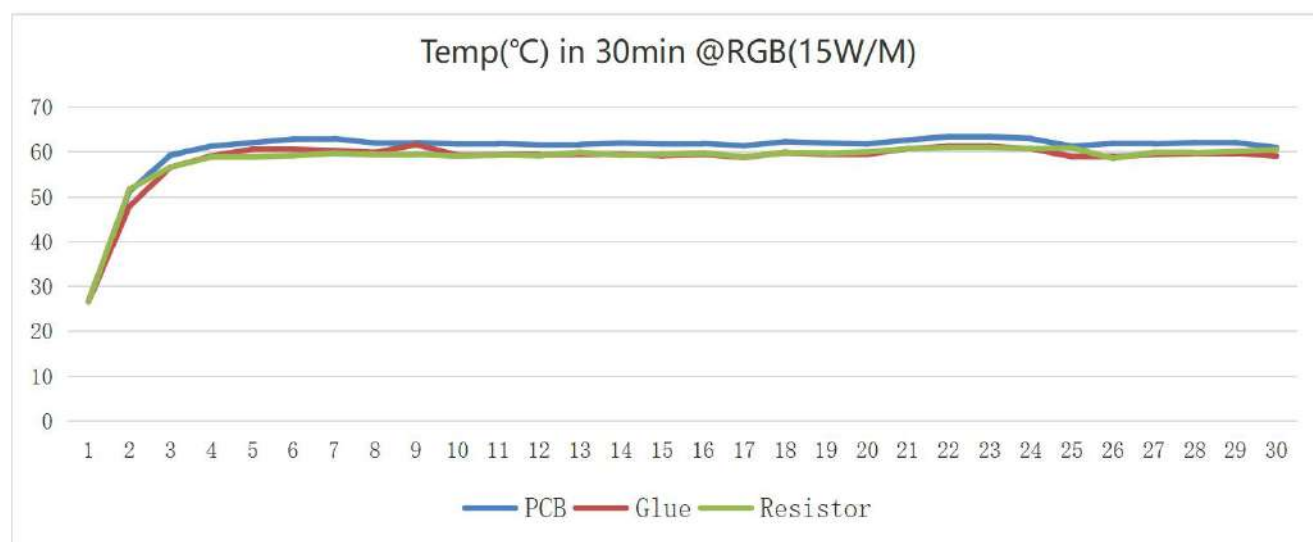
Item NO.	30810 COB810 RGB			
产品型号				
Code	COB810-RGB			
产品代号				
Input Voltage	12V			
输入电压				
Colors	R	G	B	混光 (Mix)
颜色				
W/M	7	3.5	4.5	15
功率				
Lm/W	15	90	10	30
光效				
Lm/M	105	315	45	450
亮度				

Size 尺寸	W 10mm H 1.6mm L5,000mm
Cutting Length 裁剪长度	33.3mm
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 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%.

Temperature Curve(温升曲线)

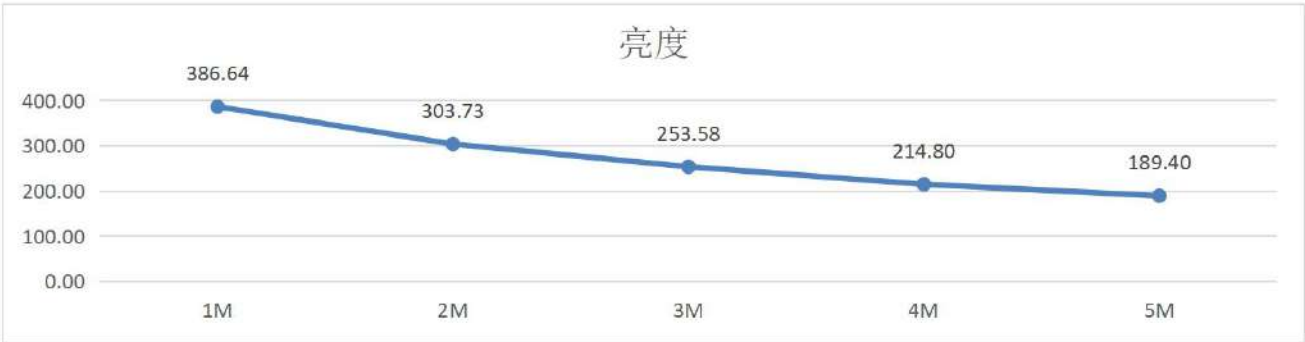


The above curves indicate the temp. changing in resistor, glue & PCB within 30 minutes after powering on, under the ambient temperature of 25 °C.

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°C。

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。

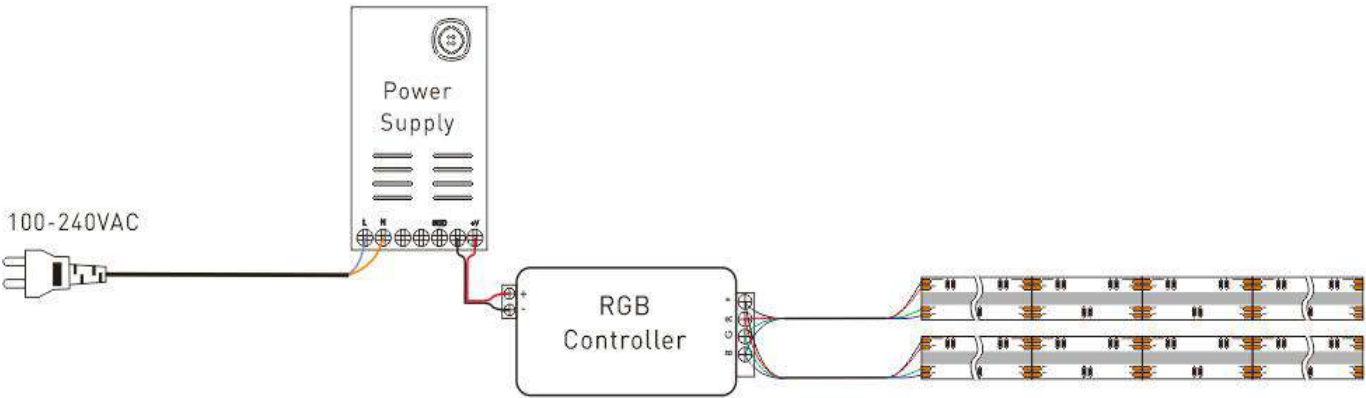


From above chart, please connect 3M at most by one-end power to keep brightness consistency.
基于以上数据, 推荐单端供电时可安装的最大长度为3米。

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)



* The max running length is 3 meters, for over 3 meters please connect in parallel.
建议最大连接长度为3m, 超过3m, 请并联。

* Make sure of the total watts of LED Strip lights is less than 80% of the power supply's max output.
确保灯带的总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.
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.

