

Features(特征)

Chip-on-board design, up to 504 chips on single meter reaches even and uniform lighting.
COB设计方案, 1米504个芯片, 发光均匀一致.

Only 1.98mm distance between chips, 41.66mm cutting length.
灯珠间距只有1.98mm, 41.66mm的裁剪长度.

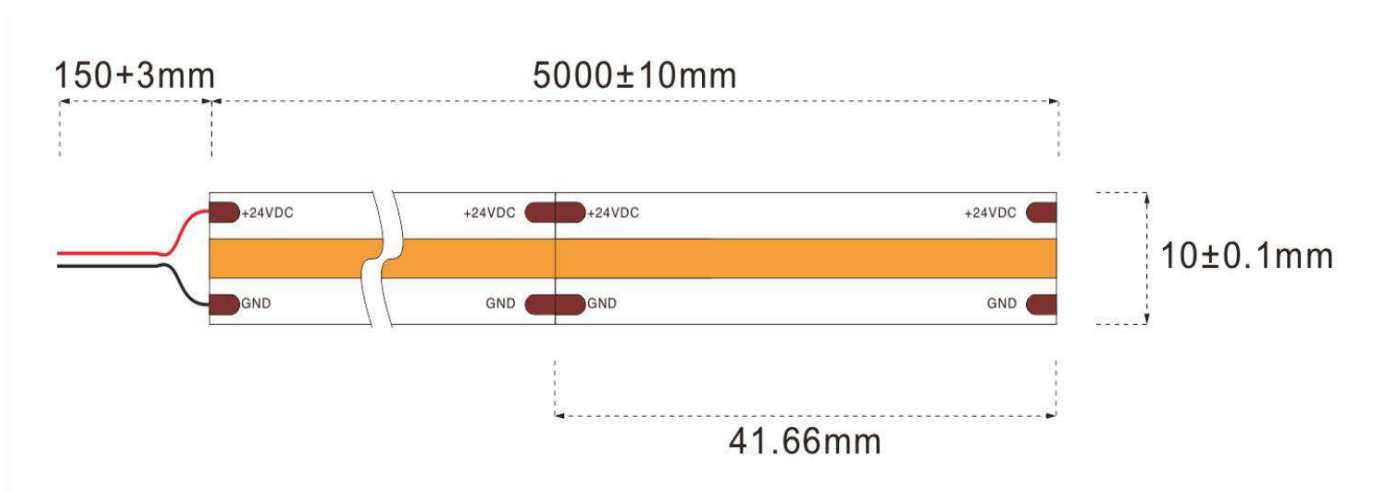
New circuit design to reduce brightness difference from beginning and ending..
新电路设计减少首尾亮度差.

Double layyer 2oz PCB, balancing voltage dropping, heat dissipation and flexibility.
双面2oz板子, 兼顾产品压降、散热及柔性

Picture(图片)



Dimensions(尺寸)

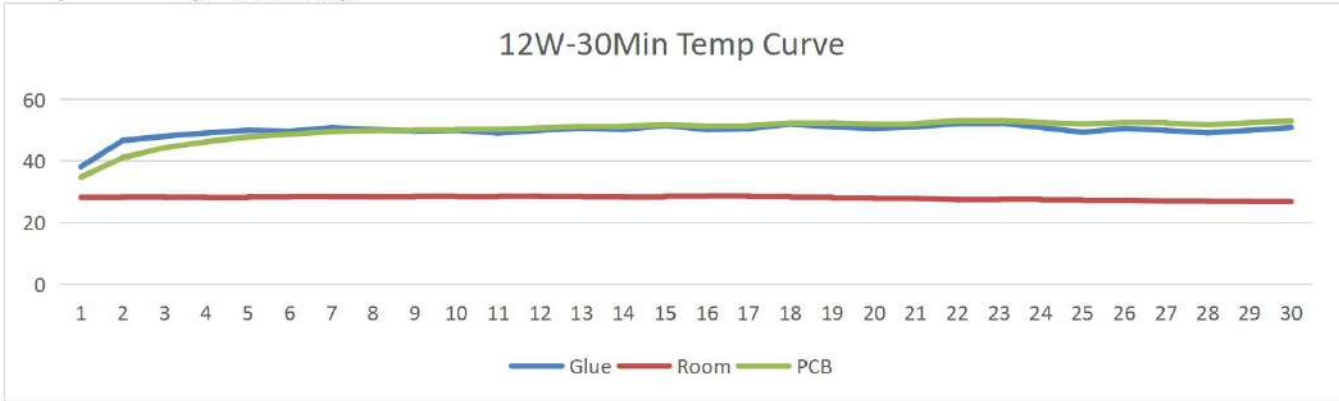


Specifications(参数)						
Item NO.	30504 COB504					
产品型号						
Input Voltage	24V					
输入电压						
PCB	10mm 2oz					
板子						
Ra	Ra 80+			RA90+		
显色指数						
Power	12W/m			12W/m		
功率						
CCT	2700K	3000K	4000-6500K	2700K	3000K	4000-6500K
色温						
Efficiency	80Lm/W	86Lm/W	92Lm/W	63Lm/W	67Lm/W	75Lm/W
光效						
Brightness	960Lm/m	1032Lm/m	1104Lm/m	756Lm/m	804Lm/m	900Lm/m
亮度						
Size	Length: 5000mm; Width: 10mm; Height: 1.6mm					
尺寸						
Cutting Length	41.66mm					
裁剪长度						
Lifespan	35,000 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	2年					
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 following curve based on 30 minutes testing data. The Temp. changes after powering within 30 minutes.
* 底下的曲线基于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, PCB and Room.
* Y轴表示胶水, PCB和环境温度变化.

Brightness Consistency(亮度一致性)

The following data based on 5m; shows the the brightness on each meter, and the difference compared to 1st meter.

以下测试基于5米数据, 显示的是每一米的亮度以及对比第一米的亮度差.

Length/长度	1st m	2nd m	3rd m	4th m	5th m
Voltage/电压	23.67	23.37	23.15	23.05	23.03
Brightness/亮度	1016.00	960.10	919.10	900.47	896.74
Difference/亮度差	0.00%	-5.50%	-9.54%	-11.37%	-11.74%

From above chart, the brightness difference between the 1st meter and 5th meter is within 12%.
For powering on one side, the recommend length is 5m.
从以上表格可以看到, 第1米和第5米的亮度差是12%. 单端供电时, 推荐的安装长度为5米.

Waterproof Ways(防水方式)

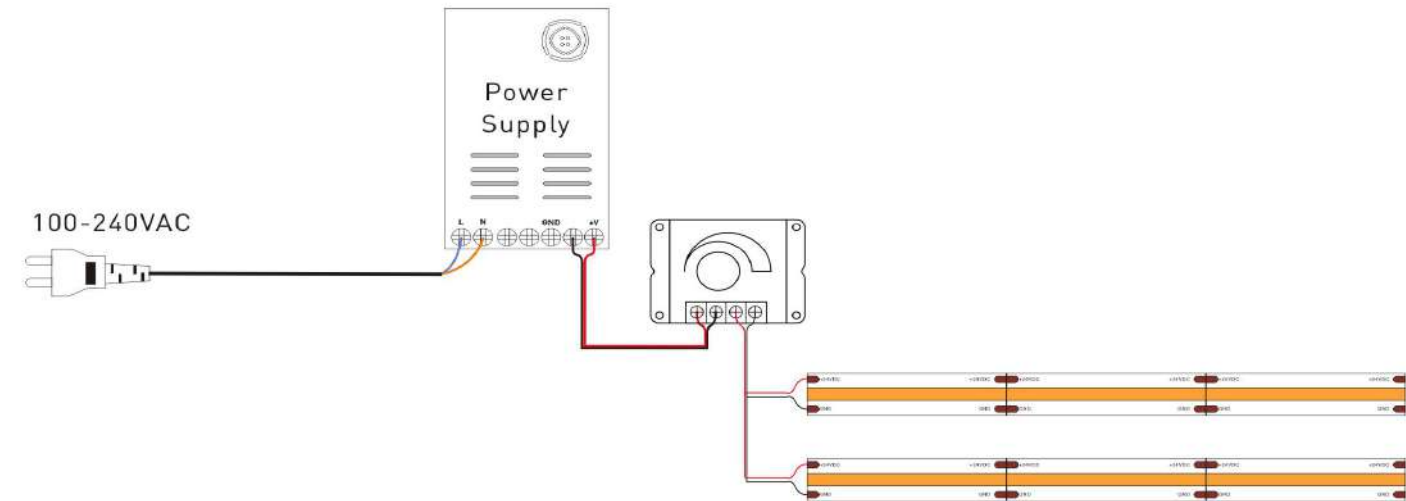
Waterproof Ways	IP Rating	Details
防水方式	防水等级	细节说明
	IP54	PU or Silicone glue on the surface of the led strips. 表面滴硅胶
	IP65	Injected with Silicone Tube or Heat Shrink tube 硅胶或者热缩套管防水
	IP67	IP67 Extrusion, Integrated Silicone 挤出型硅胶防水, 中空

Installation Ways(安装方式)

* The recommend installation length is 5 meters when powering on one side, for over 5 meters please connect in parallel.
单端供电推荐的安装长度为5米, 如果需要连接超过5米, 请并联.

* 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.

⑥) Delivery.

发货.

