

Features(特征)

COB Design, with more chips on PCB, more even light.

COB设计方案, 更多的芯片在板子上, 光更均匀.

Cutttable at every 22.73mm(12Vdc)/45.45mm(24Vdc) length.

每22.73mm(12Vdc)/45.45(24Vdc)mm可裁剪.

Efficiency up to 105Lm/W.

光效高达105Lm/W.

CE, Rohs, UL listed.

CE, Rohs, UL认证

Picture(图片)

12VDC

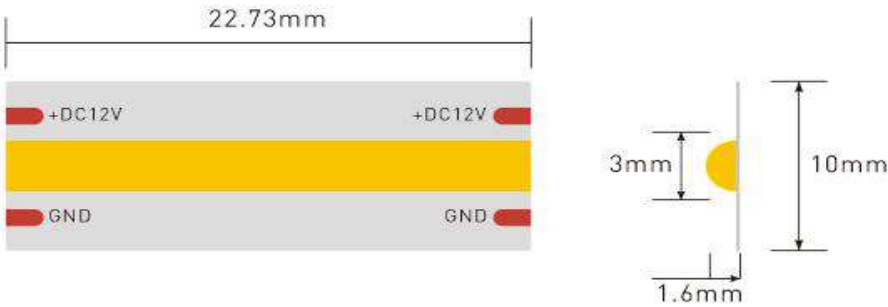


24VDC

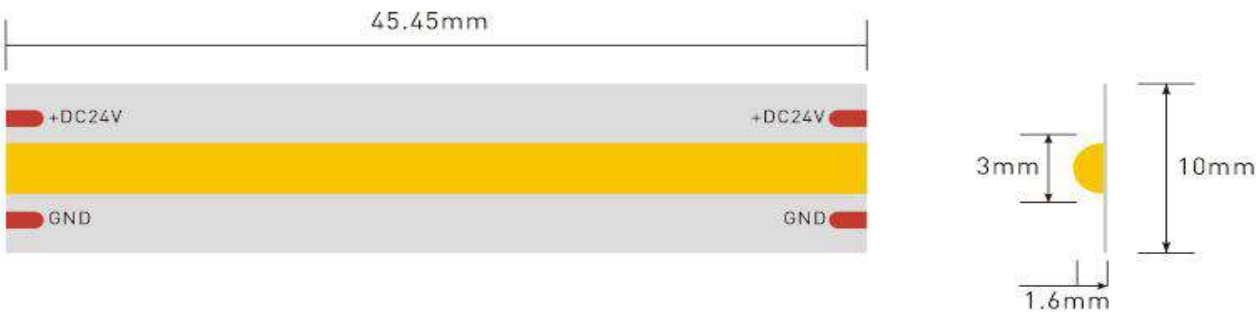


Dimensions(尺寸)

12VDC



24VDC



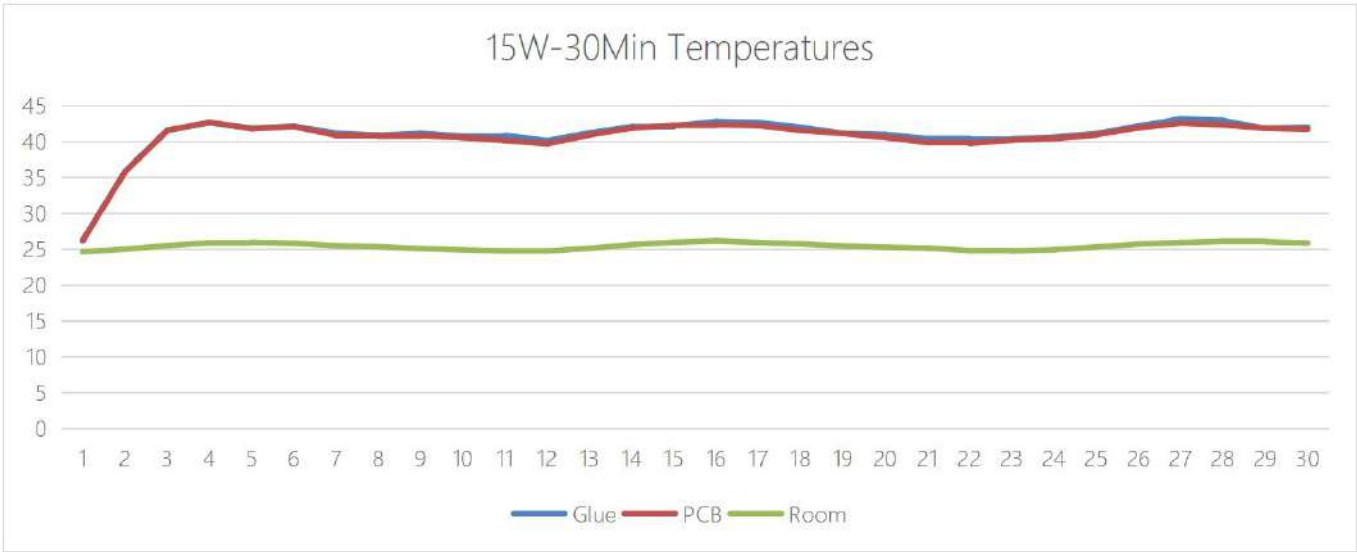
Specifications(参数)

Item NO.	30178-COB528					
产品型号						
Input Voltage	12Vdc			24Vdc		
输入电压						
Cutting Length	22.73mm			45.45mm		
裁剪长度						
PCB	10mm, white					
板子						
Power	15W/m					
功率						
Ra	Ra 80+			Ra 90+		
显色指数						
CCT	2700K	3000K	4000-6500K	2700K	3000K	4000-6500K
色温						
Lm/m	1425	1500	1575	1200	1275	1425
亮度						
Lm/W	95	100	105	80	85	95
光效						
Size	W 10mm H 1.6mm L5,000mm					
尺寸						
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						

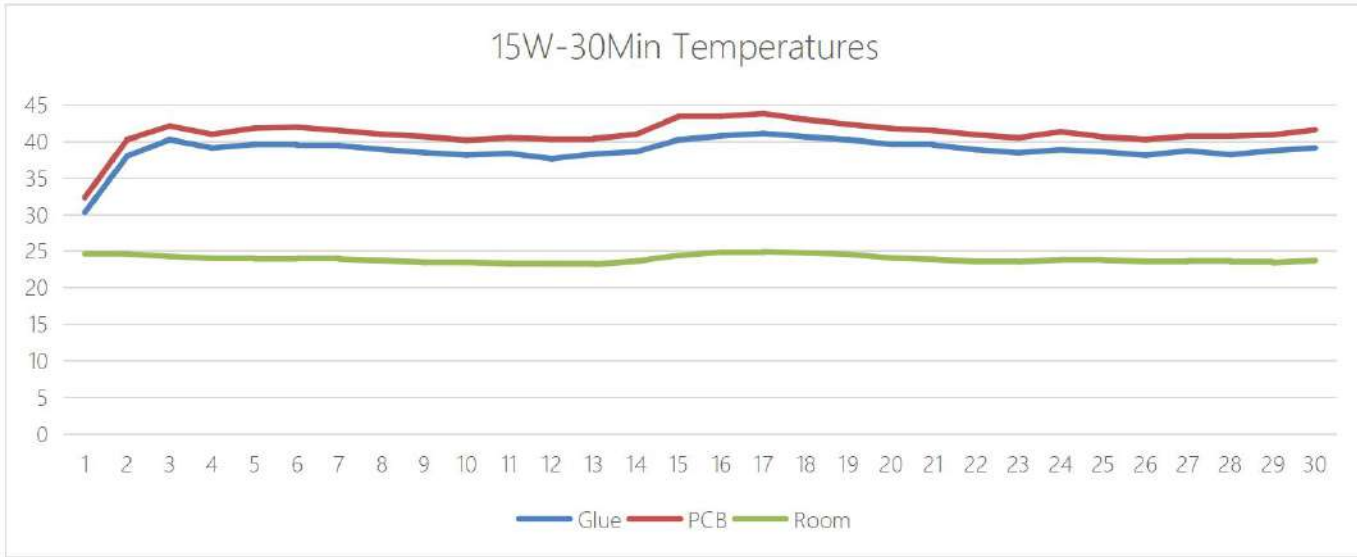
* The above measurements of watts, brightness and efficiency allowance tolerance $\pm 10\%$.
* 以上功率和光效允许误差范围是 $\pm 10\%$.

* The above measurements are based on IP20.
以上测量均基于IP20.

Temperature Curve(温升曲线)
12Vdc



24Vdc



* The above curves 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, 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 charts shows the voltage, lumen and brightness drop on each meter.

以下表格展示每一米上的是电压, 流明和亮度差

12Vdc

Chart1, Based on 5m Running/表格1, 基于5米连接长度.

Length	1m	2m	3m	4m	5m
Voltage	11.37	11.03	10.82	10.73	10.71
Lumen	904.34	573.96	369.90	282.45	263.01
Drop	0.00%	-36.53%	-59.10%	-68.77%	-70.92%

Chart2, Based on 4m Running/表格2, 基于4米连接长度.

Length	1m	2m	3m	4m
Voltage	11.40	11.07	10.89	10.88
Lumen	933.49	612.83	437.92	428.20
Drop	0.00%	-34.35%	-53.09%	-54.13%

Chart3, Based on 3m Running/表格3, 基于3米连接长度.

Length	1m	2m	3m
Voltage	11.44	11.18	11.08
Lumen	972.36	719.72	622.55
Drop	0.00%	-25.98%	-35.98%

Chart4, Based on 2m Running/表格4, 基于2米连接长度.

Length	1m	2m
Voltage	11.56	11.44
Lumen	1088.97	972.36
Drop	0.00%	-10.71%

From above charts, for better brightness consistency, the recommend length is 2m for powering on one side.
基于以上数据, 为了更好的亮度一致性, 推荐单端供电时的安装长度为2米

24Vdc

Chart1, Based on 5m Running/表格1, 基于5米连接长度.

Length	1m	2m	3m	4m	5m
Voltage	23.58	23.21	22.98	22.92	22.91
Brightness	1432.12	1259.04	1151.45	1123.39	1118.71
Drop	0.00%	-12.09%	-19.60%	-21.56%	-21.88%

Chart2, Based on 4m Running/表格2, 基于4米连接长度.

Length	1m	2m	3m	4m
Voltage	23.6	23.35	23.2	23.15
Brightness	1441.47	1324.53	1254.36	1230.98
Drop	0.00%	-8.11%	-12.98%	-14.60%

From above charts, for better brightness consistency, the recommend length is 5m for powering on one side.
基于以上数据, 为了更好的亮度一致性, 推荐单端供电时的安装长度为5米