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Product Specification

产品规格书

Item No.:

HH-SWWW120F010W24-2835-D2W

产品型号:

Series: Dim to Warm Series

产品系列: D2W系列

Confirmation/制作	Approval/审核	Audit/确认	Date/日期	Version/版本
Bob	林延安		2023/2/14	1.0

Features(特征)

Dim-to-warm design, the CCT decreases synchronously with the dimming of brightness.

落日方案, 双线调光, 色温随着亮度变暗同步下降。

CCT turnable range: 2000K - 3000K.

色温变化范围: 2000-3000K.

Support PWM/0-10V dimmer.

支持主流PWM调光控制器.

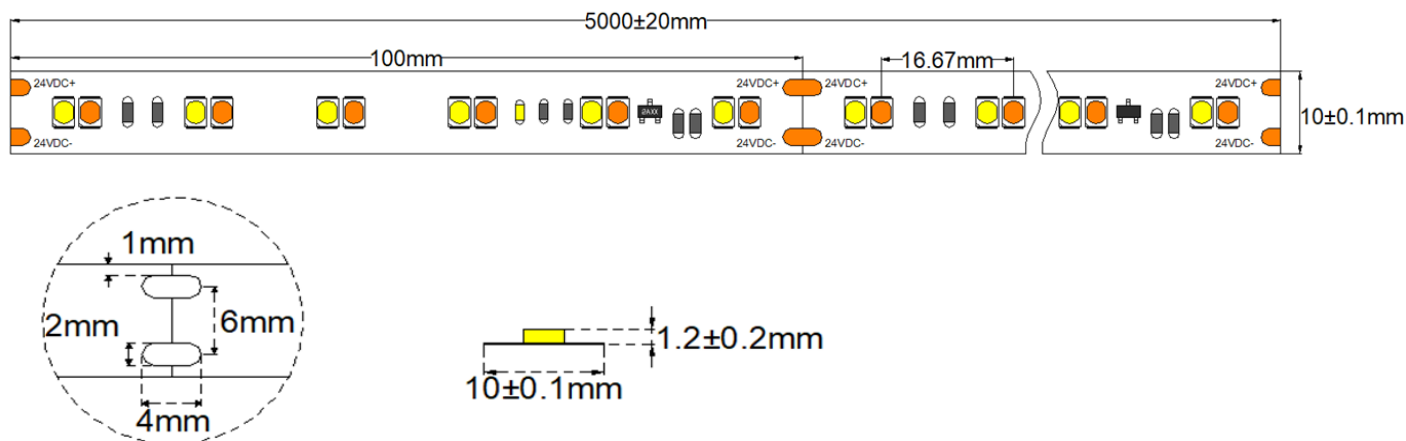
Double layer 3oz FPC, balancing Voltage drop, heat dissipation and flexibility.

双面板, 3盎司铜箔柔性PCB, 兼顾产品压降、散热及柔性

Picture(图片)



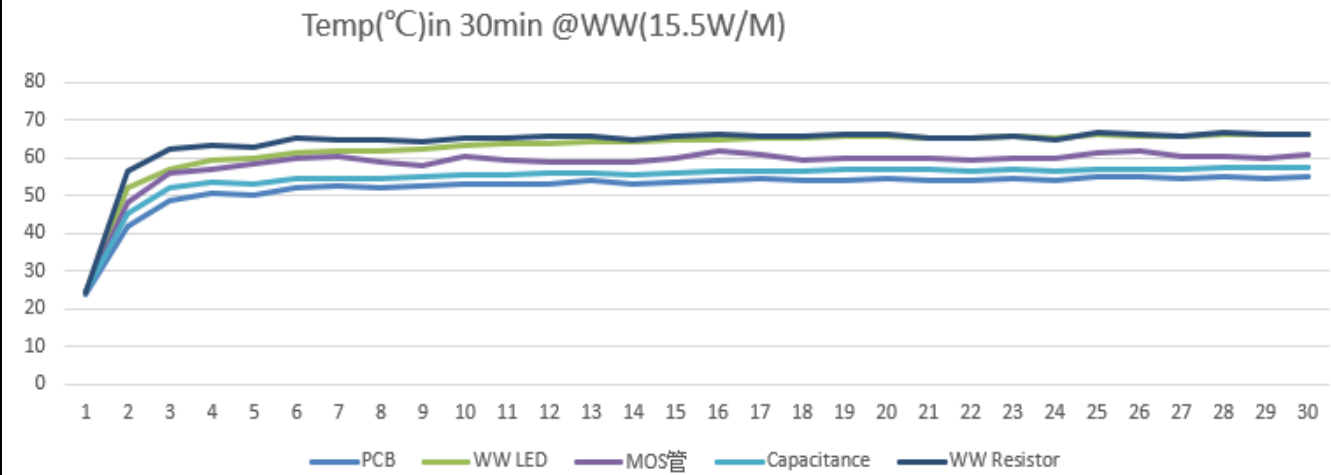
Dimensions(尺寸)



Specifications(参数)	
Item NO.	HH-SWWW120F010W24-2835-D2W
产品型号	
Code	B120210-D2W
产品代号	
LED/M	120
每米灯珠数	
Input Voltage	24Vdc
输入电压	
CRI	Ra80
显色指数	
Power	16W/m(Max)@3000K
功率	
CCT range	2000K - 3000K
调光范围	
Lm/M	1360 Lm/M(max)@3000K
亮度	
Lm/W	85 Lm/W(Max)@3000K
光效	
Size	W 10mm H 1.2mm L5,000mm
尺寸	
Cutting Length	100 mm
裁剪长度	
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 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)



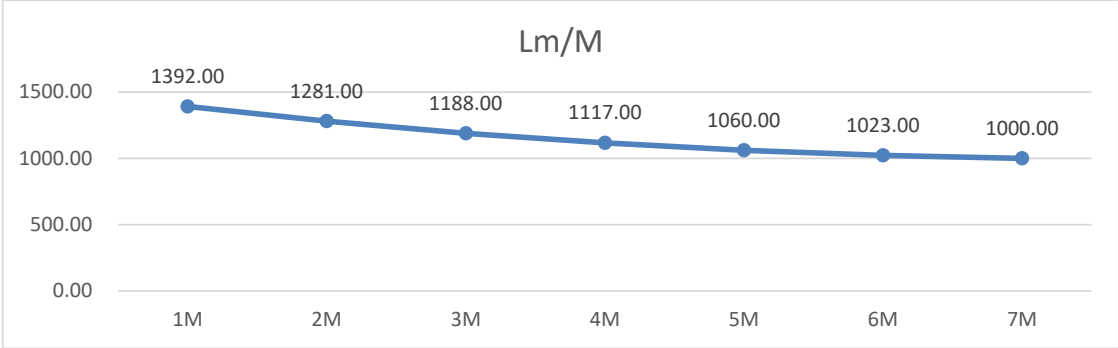
The above curves indicate the temp. changing in Resistor, LED, MOS & PCB within 30 minutes after power on, under the ambient temperature of 25 °C.

以上曲线表示点亮30分钟内电阻, 灯珠, MOS管, 电容以及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 7M length.

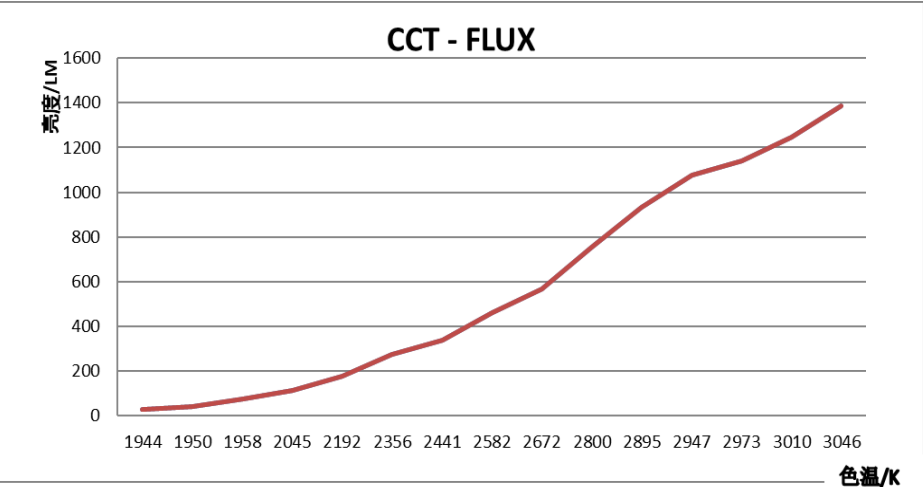
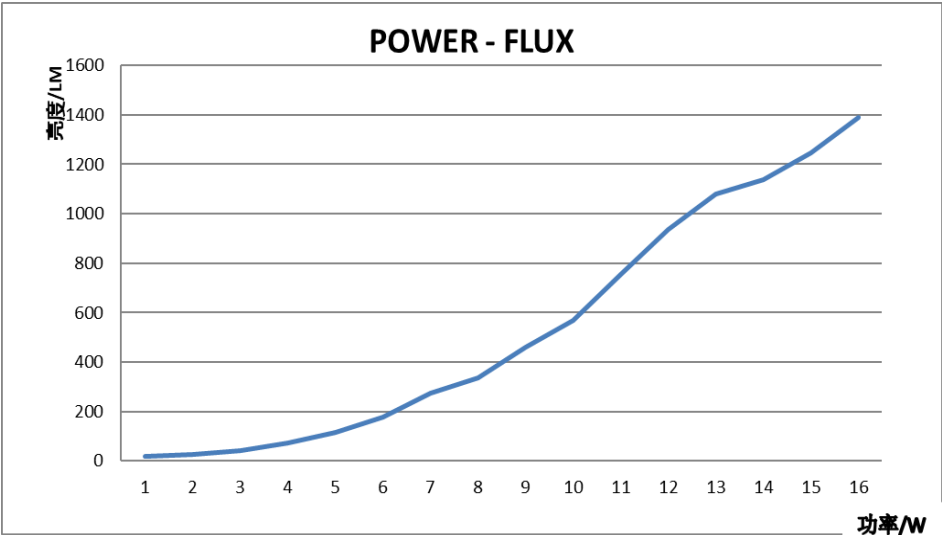
以下表格展示7米中每一米的电学参数.

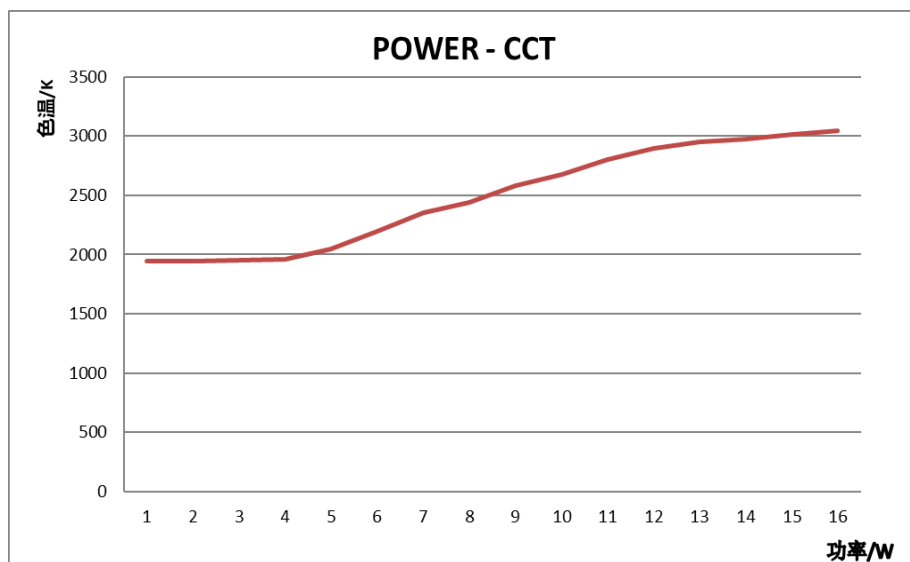


From above chart, please connect 7M at most by one-end power to keep brightness consistency.

基于以上数据, 推荐单端供电时可安装的最大长度为7米。

Typical Optical Characteristic Curve(典型光学特性曲线)

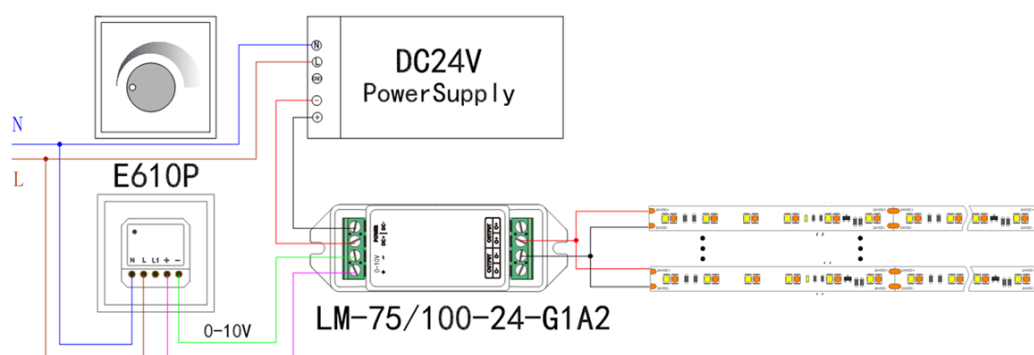




Waterproof Ways(防水方式)

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 LED 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板子上标注的极性.

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.

