



# Function Specification

## 规格说明书

**Customer**

客户 \_\_\_\_\_

**Product Name**品名 3528 贴片防水软光条**Part No**型号 TD-12RDSMD3528**Deliver date**

发出日期 \_\_\_\_\_

公司地址：深圳市宝安区龙华镇大浪南路德爱工业区 C 栋 3 楼

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网址(WEB): <http://www.tsd-led.cn> <http://www.tsdlcd.com>

**Product Description: (产品描述)**

SMD LED Flexible Strip is totally and genuinely flexible strip light. It can be used as edge-lighting of transparent or diffused materials, illuminated signs and path/contour marking. (SMD LED 柔性灯带是完全柔韧的光条产品。主要被应用于透明与雾状材料的卷边，照明标志以及通道轮廓标记。)

**About SMD Flex (关于贴片柔性光条)**

- Available in single color. (多种单一的颜色可选择)
- Pack in reel and each reel has 5 meters, for single color it is 300 LEDs a reel (5 米一卷包装，每卷单色光条包含 300 颗 3528 贴片 LED)
- Cuttable every 3 LEDs along the cutting marks. The smallest unit is 50mm. (每 3 个灯位置有一个剪口标记，剪口最小的工作单位长度是 50mm)
- Drive with 12V DC and 3A a reel. (每卷光条的驱动电压为直流 12V，3A 电流)

**How to run SMD Flex (如何操作使用)**

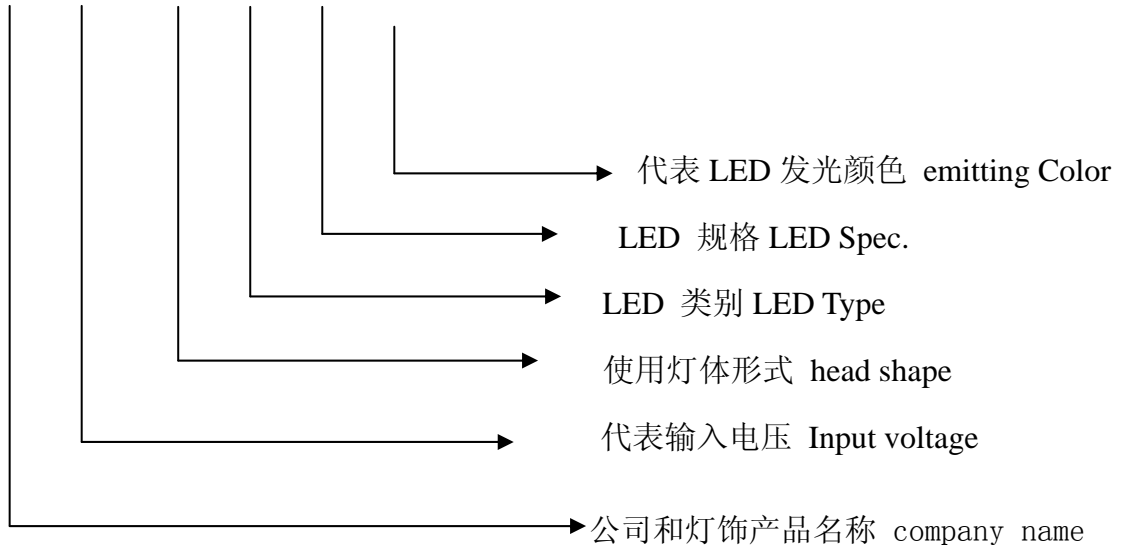
- We offer suitable power adapters (我们可以提供配套的适合驱动电源)
- All you need to is to connect the necessary fittings, fix the strip light and light it up (您所需要做的只是根据实际需要长度去连接，固定光条后点亮即可)

SMD Flex makes it possible to use LED lighting in places that could not be reached before. Curves, corners and round objects can now be furnished with LED lighting (贴片柔性光条的出现使得在这之前某些不可能用到 LED 灯具的地方变成可能。弯曲部位、拐角处以及圆形物体现在都可以安装 LED 照明灯具)



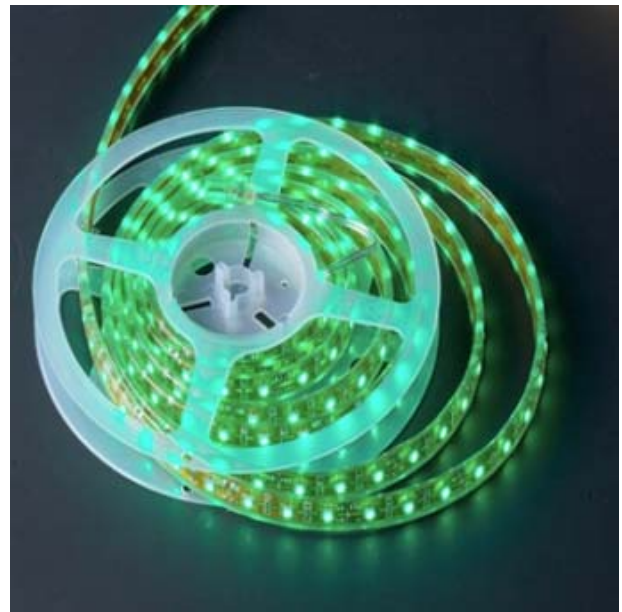
● 产品命名方法 product code rule

**TD-** □ □ □ □□- □



● 成品图 product picture

实物图 Picture of real products





深圳市天盛达光电有限公司

Shenzhen Tianshengda Optoelectronic Co.,Ltd.

● LED 参数 Features			
项目 Item		参数 Parameter range	
LED 型号 LED Name		TS-T3528	
LED 批号 LED Mark		072050TL5T509168	
LED 波长或色温 Wavelength $\lambda$ d(nm)Or Tc (k)		红色 (Red) :624± 3nm	
		黄色(Yellow): 589 ± 3nm	
		蓝色 (Blue) : 465± 3nm	
		绿色 (Green) :523± 3nm	
		白色 (White) :2700K-9000K	
LED 光强值 LED Intensity		红色 (Red) : >600mcd	
		黄色(Yellow): >600mcd	
		蓝色 (Blue) : >250mcd	
		绿色 (Green) : >900mcd	
		白色 (White) : >1200mcd	
● 技术要求 technical request			
序号 No.	项目 item	单位 units	参数范围 Parameter range
1	工作环境温度 working environment	°C	-20~40
2	储存条件 storage condition	°C	-40~85
3	额定电压 limited voltage	V	DC12
4	输入电流 Input current	A	0.02A*100
5	功耗 output power	W	0.24W*100
6	尺寸 dimension	mm	5000*10*3



- 产品包装 Packing

5meters/reel

- IP 防护等级 IP Rate

IP65

- 相关认证 Certificate

RoHS Certificate

- 使用说明 use manual

1.请先仔细阅读产品规格书,确认其使用环境是否符合规格书上的条件上,方可放心使用. Please read the specification first to make sure the using condition is fit

2.将产品接入电源时,请先确保开关处于闭合状态..Please shut off the switch before connect the product, then turn on