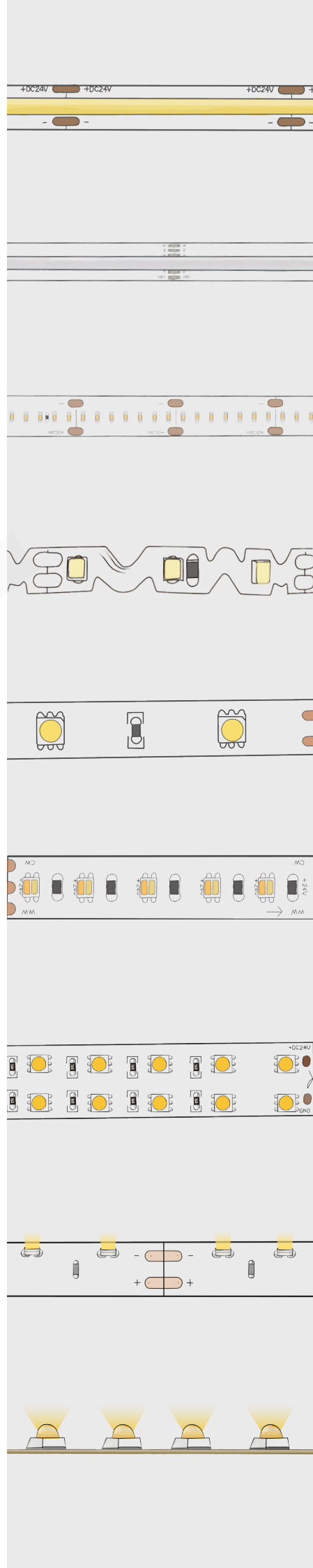


产品规格书

正发光 16*16mm
防眩光霓虹
UGR<16





16*16mm 防眩光霓虹

- 1- 柔性正弯防眩光霓虹灯，弯曲半径200mm,UGR<16
- 2- 光线柔和，采用特殊的光学设计和材料，可有效减少直射光，提供更柔和的照明效果，避免眩光
- 3- 高透光率，环保硅胶材料，IP65；
- 4- 适用于家庭、办公室、商店、酒店等场所
- 5- 可接受OEM、ODM



产品参数

产品型号	裁剪长度	电压	功率/米	色温	显指	流明/米	流明/英尺	流明/瓦	防水等级	单端供电连接长度
MN328W140Q90-D027A6A12107N-1616ZA4	50mm	24V	14.4W	● 2700k	>90	173	53	12	IP65	5米
MN328W140Q90-D030A6A12107N-1616ZA4	50mm	24V	14.4W	● 3000k	>90	173	53	12	IP65	5米
MN328W140Q90-D040A6A12107N-1616ZA4	50mm	24V	14.4W	● 4000k	>90	187	57	13	IP65	5米
MN328W140Q90-D050A6A12107N-1616ZA4	50mm	24V	14.4W	● 5000k	>90	187	57	13	IP65	5米
MN328W140Q90-D065A6A12107N-1616ZA4	50mm	24V	14.4W	● 6500k	>90	187	57	13	IP65	5米

以上参数为不喷手感油版本

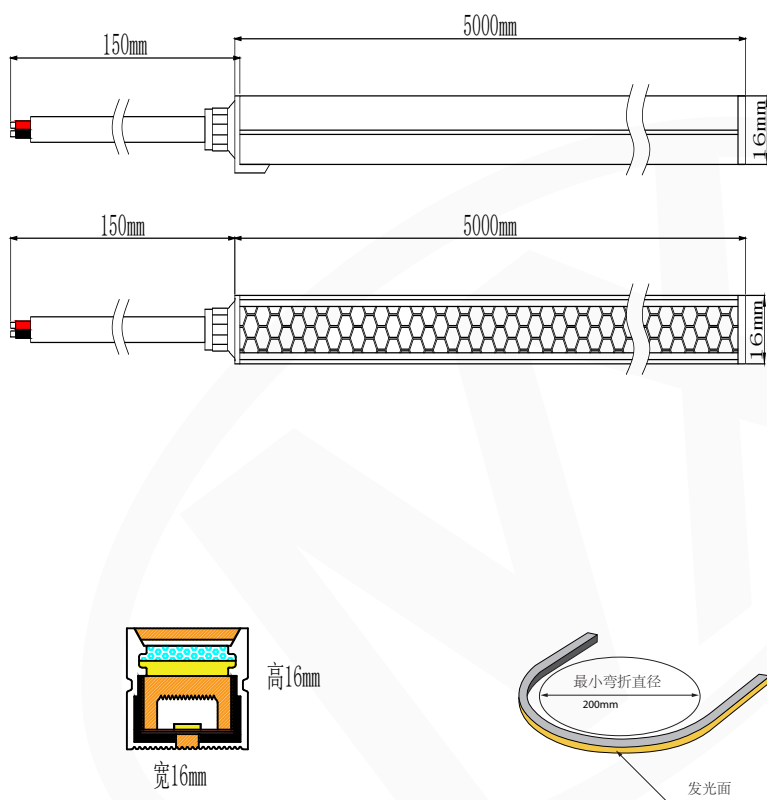
光学参数

灯珠类型:	SMD2835
显指:	>90
色温:	2700-6500K
发光角度:	120°
光效:	12-13Lm/w
流明/米:	173~187Lm/M(53~57Lm/ft)
UGR:	<16

电性参数

输入电流/米:	0.6A/M(0.18A/ft)
输入电压:	DC24V
功率/米:	14.4W/M(4.4W/ft)
抗静电:	2000V (ESD)
灯珠/米:	140LEDs/m
裁剪长度:	50mm
灯珠/组	7LEDs

尺寸图

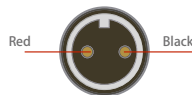


线标



单色

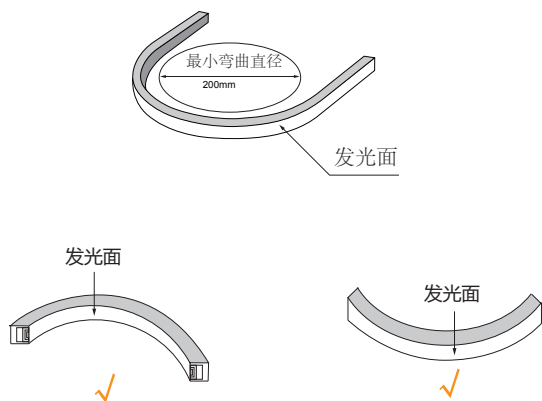
Red: V+
Black: GND



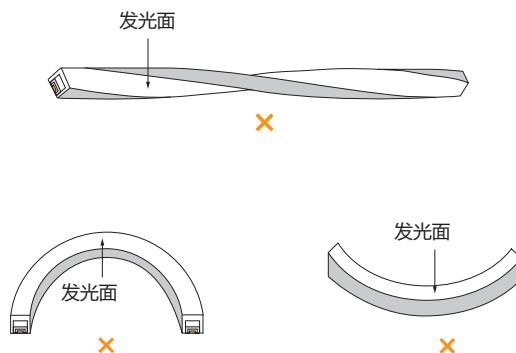
可靠性测试

测试类型	测试项目	测试标准	描述
PHOTOMETRIC TEST	Spectrum Analysis	LM 79	LM 79(lumen,CCT,CRI,XY,SDCM,wave length)
	Photometric Distribution	LM 79	LM 79(lumen intensity distribution&Lux diagram)
	Lumen Maintenance&Life Time	IES LM 80&IES TM28 GB/T24824-2009	LM 80&IES TM28
ELECTRICAL TEST	EMC Test	EMI & EMS	IEC 61547/GBT 18595 IEC 61000-3-2/GB 17625.1
MECHANICS & PHYSICE TESTING	Bending Test Vertical	Mingxue	Manufacturer-defined,100 cycles 3 times bending with 0.5m/s pulling speed
	Bending Test Horizontal	R2	Manufacturer-defined,100 cycles 3 times bending with 0.5m/s pulling speed
	Wrestling test	Mingxue	COB/CSP 500 / SMD 1000. cycles
	Swing Test	UL2388	UL2388,>750 cycles
	Tensile Test	IEC 60598-1; GB7000.1	Manufacture-defined,>the weight of light in maximum connection length wiht both ends feed. With 30Nm if total cross section <0,75 or 60Nm force, pull wire 25 timesduring 1 sec. Mark displacement ≤ 2mm.
	Twist Test	Mingxue	Manufacturer-defined,>200 cycles in 720°
	Curl test	Mingxue	Back and forth 80-100 times
	IK06-08-10	IEC62262	IEC62262 The hammer spring Impact energy 0.7J
	Adhesion test	JB1256-77	3M 4229P hung on 2kg loads >7 hrs
	Drop test	IEC68-2-6	IEC68-2-6,GB/T2423/10/95
	Vibration test	ISTA-1A	bear up to 25,4mm amplitude in 14200 cycles
	Winding Test	IEC 60598-1; IEC 60598-2-21; GB-7000.1	φ 150mm cylinder, 60N pull, winding 10 times at (-25°C ±2°C) , and 10 times after(-15°C ±2°C, 16h).
	Electrical strength	IEC 60598-1; IEC 60598-2-21 GB-7000.1	500V
	Product accessories disassembly test	Mingxue	Product accessories are installed and adapted 5-10 times
ENVIRONMENT TESTING	Heating test	IEC 60598-1: 12.4	Sample to be tested under normal installation Under 1.06 times Rating Voltage After 30 minutes.
	Salt Spray Test	IEC 60068-2-11	5% salt solution concentration,5% salt water,35+/-2C for 72hrs
	High temperature and Humidity impact	IEC 60068-2-78 GB/T 2423.3	60+/-2° C for 168 hrs 60°C, 85%RH ,Test light decay data<3%
	Temperature Shock Test	IIEC60068	Manufacturer-defined,-40°C-60°C(typical temperature ange) 168H
	switch test	GB/T24824-2009	30s On, 30s Off, 15000 times;on/off every 30s, > 15000 cycles
	Lifetime aging test	Mingxue	Normal temperature 25°C
	Constant Temperature Test	Mingxue	Manufacturer-defined,60°C to -40° (typical temperature)
	Cold Bend Test	IEC 60598-1; IEC 60598-2-21 GB-7000.1	wound on mandrel,low-temperature (-15°C ±2°C, 16h), around the mandrel for two turns
	Cold Impact test	IEC 60598-1; IEC 60598-2-21 GB-7000.1	Low-temperature (-15°C ±5°C, 16h), hammer falls from a height of 100mm.
	UV Exposure Test	ASTMG154-06	ASTMG 154,ISO 4892-3, UVA@340nm ASTMG154-06, UVA-340 0.68W/m2 for 500 hrs
	IPX5 IPX6 IPX7 IPX8	IEC 60598-1; IEC 60598-2-21 GB-7000.1	IEC60529 IPX5/X6/ IPX7/X8

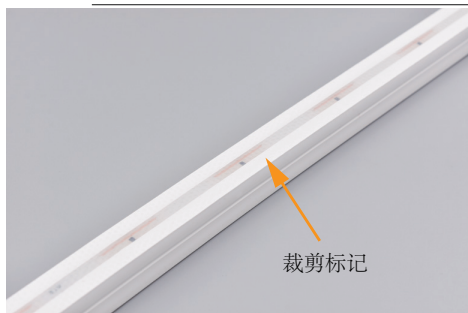
弯曲示意图



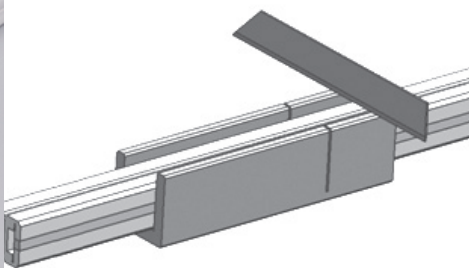
正确的弯曲



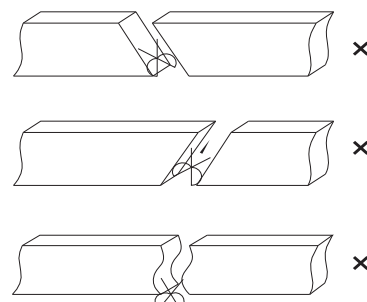
错误的弯曲



注意:灯带背面有一个透明的窗口,可以看到裁剪标记。



使用工具在切割标记处垂直精确切割



不要像图片所示的那样剪。



卡扣
MX-01-002238
30*18.9*17.6mm(L x W x H)



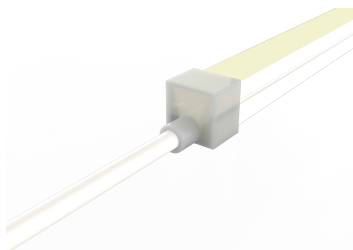
铝型材
MX-01-002578
1000x18.9.2x17.6mm(L x W x H)



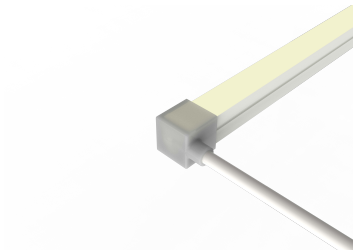
龙骨 MX-01-002293
1000x17.6x16.5mm(L x W x H)

|| 出线方式和堵头样式

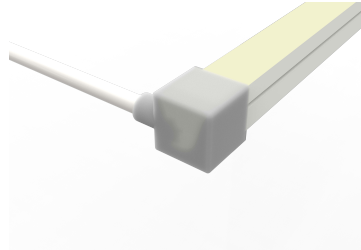
注意：只是展示出线方式和堵头样式



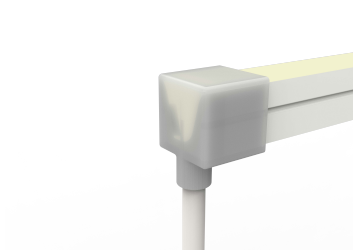
直出硅胶堵头



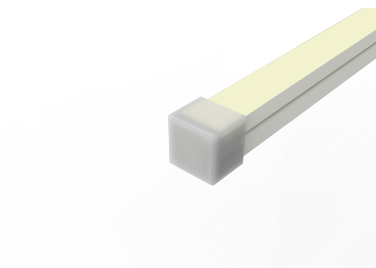
右侧出硅胶堵头



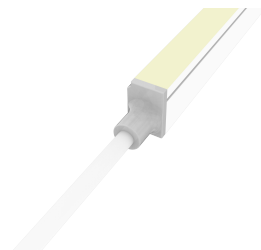
左侧出硅胶堵头



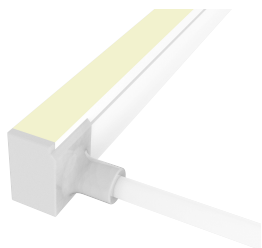
底出硅胶堵头



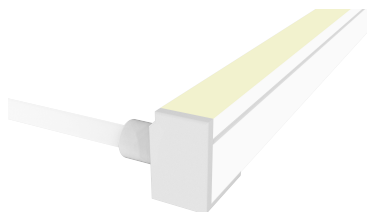
硅胶尾堵



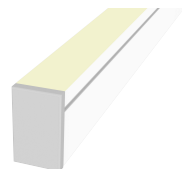
直出模压头



右侧出模压头



左侧出模压头



模压尾堵



底出模压头

包装



安全信息

LED柔性带的应用注意事项

为了安全地驱动LED柔性条形灯，绝对有必要使用电子稳定电源来操作它们，防止短路、过载和过热

为了方便灯具/安装审批，LED或LED灯的电子控制装置、电源和所有电子附件都应带有“CE或UL”标记，并符合最新的安全标准。

- 请使用24VDC隔离电源驱动LED灯带，恒压源纹波小于5%。不能通过电阻电容和壬隔离电源驱动led条等降压电源。
- 为保证灯条的寿命和可靠性，请不要弯曲弧径60mm及以下，不要折叠，以免损坏灯珠或折断。
- 为保证灯具的使用寿命和环境，在用力使用时不能拉电源线，以免损坏LED灯具，禁止碰撞。
- 安装时注意正负极电源线，不要选电压错误的电源与产品相同，以免损坏产品。
- LED灯应储存在干燥密封的环境中，建议储存期不宜过长才使用开箱，工作温度:-20 ~ +45，储存温度:-0 ~ +60，不防水灯带室内使用，相对湿度不高于70%。
- 在实际应用中，电源应留有20%的余量(建议只使用80%的功率)，以保证足够的电压驱动产品
不要使用任何酸性、碱性粘合剂固定产品(包括但不限于玻璃、塑料等)

