



产品规格书

正发光0808霓虹



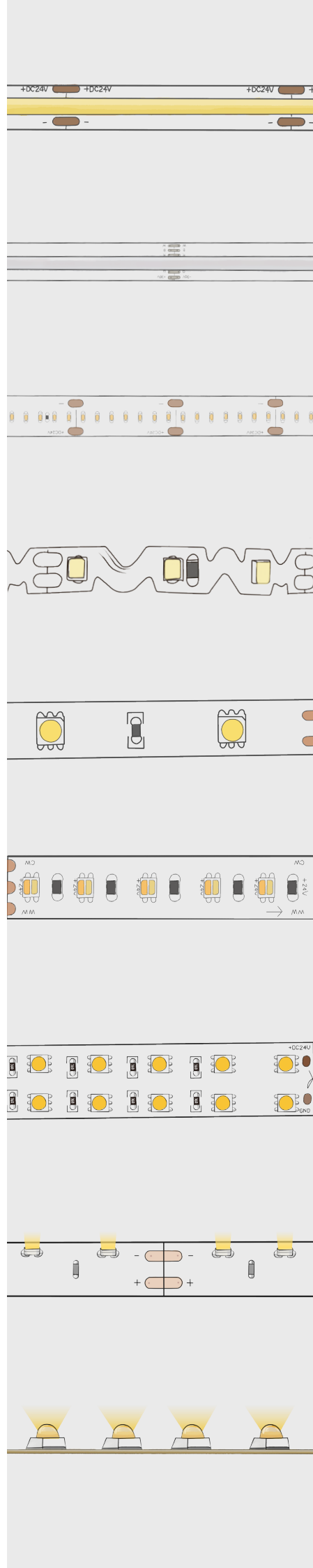
www.mingxueled.com

邮箱: info@mingxue.cn

电话: +86-755-27637866

销售及研发中心: 深圳市宝安区石岩街道罗租社区海谷大厦T3栋14楼

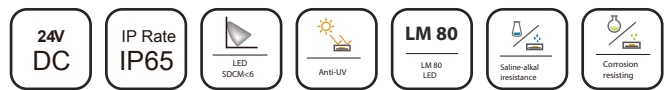
工厂: 佛山市顺德区龙江镇宝涌工业区宝涌工业大道西区二路8号万洋共创园9-10栋





0808霓虹

- 正发光8*8mm霓虹
- 光源:发光效率高, LM80认证;
- 高透光率, 环保硅胶材料, 一体化挤出成型技术, IP65;
超薄超窄设计, 适合多种使用场景
- 耐盐、酸、碱、腐蚀性气体和紫外线;
单色和RGB供选择, 可接受OEM,ODM



产品参数

型号	最小裁剪长度	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 最大连接长度
MN322W240Q90-D027A6A06106N-0808ZE	25mm	24V	7.2W	2700k	>90	353	108	49	IP65	5m
MN322W240Q90-D030A6A06106N-0808ZE	25mm	24V	7.2W	3000k	>90	367	112	51	IP65	5m
MN322W240Q90-D040A6A06106N-0808ZE	25mm	24V	7.2W	4000k	>90	389	119	54	IP65	5m
MN322W240Q90-D050A6A06106N-0808ZE	25mm	24V	7.2W	5000k	>90	389	119	54	IP65	5m
MN322W240Q90-D065A6A06106N-0808ZE	25mm	24V	7.2W	6500k	>90	389	119	54	IP65	5m
MF228A120A00-D000K6A06106-0808ZE	25mm	12V	7.2W	RGB	N/A	226	81	37	IP65	5m

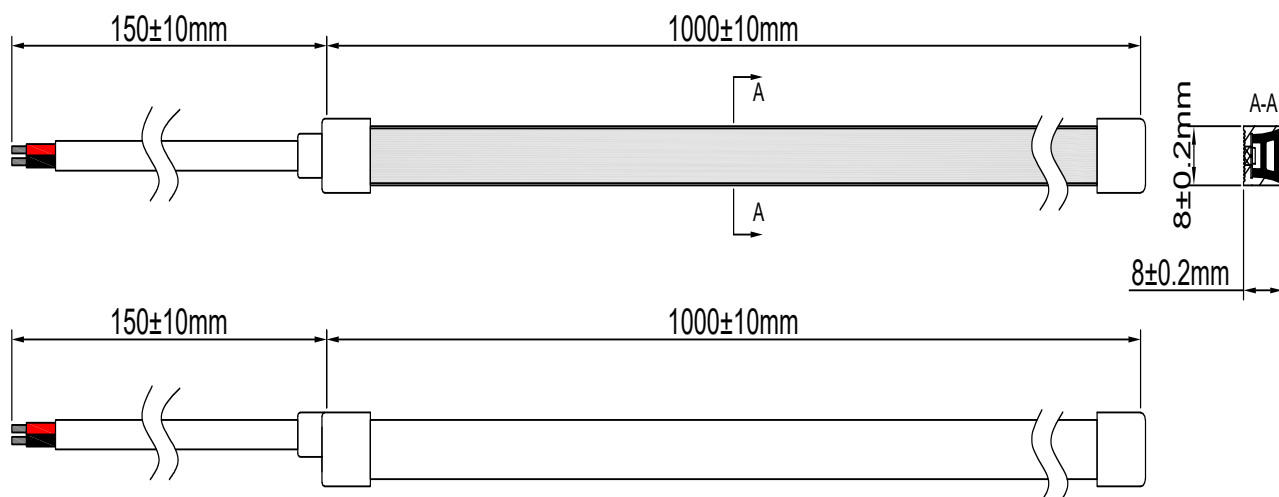
光学参数

灯珠:	SMD2216 单色; SMD2835 RGB
显指:	>90
色温范围:	2700-6500K; RGB
发光角度:	120°
光效:	37-54Lm/w
流明输出/米:	266~389Lm/m (81~119Lm/ft)
能效等级:	N/A

电气参数

输入电流:	0.3(max)A/m(0.09A/ft)
输入电压:	单色DC24V; RGB DC12V
功率/米:	7.2W/m(2.2W/ft)
抗静电:	1000V (ESD)
灯珠数/米:	单色240LEDs/m; RGB 120LEDs/m
裁剪长度:	25mm
灯珠数/组	单色: 6LEDs RGB:3LEDs

尺寸图



线标

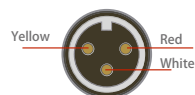
○ 单色

Red: V+
Black: GND



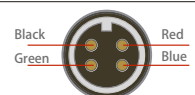
○ 双色温

Red: V+
White: C
Yellow: W



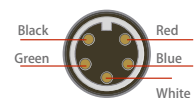
○ RGB

Black: V+
Red: R
Green: G
Blue: B



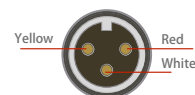
○ RGBW

Black: V+
Red: R
Green: G
Blue: B
White: W



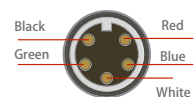
○ SPI

Red: V+
Yellow: DAT
White: GND



○ DMX

Black: GND
White: PI/PO
Blue: A
Green: B
Red: V+



○ RGBCCT

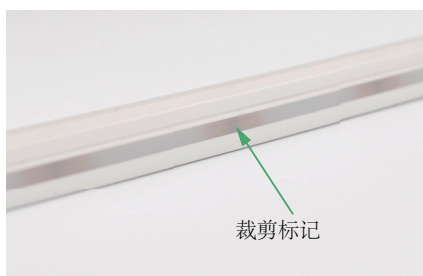
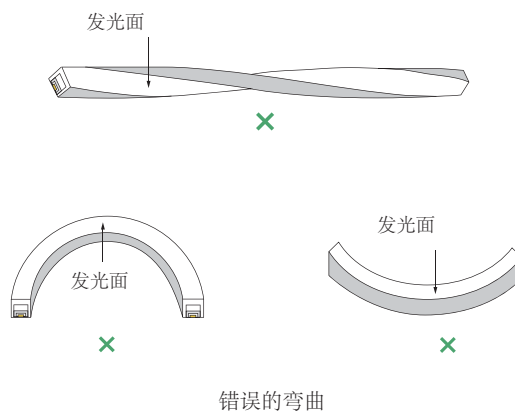
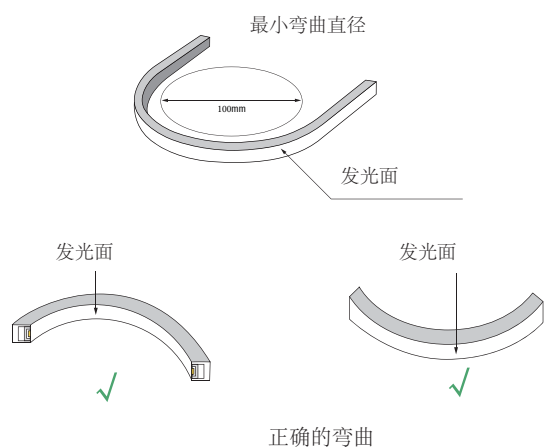
Black: V+
Red: R
Green: G
Blue: B
White: C
Yellow: W



可靠性测试

	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 whith 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



灯带底部有透明窗口，黑色标记为切割位置

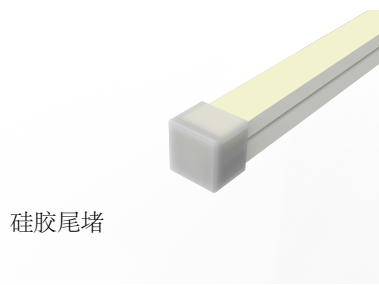
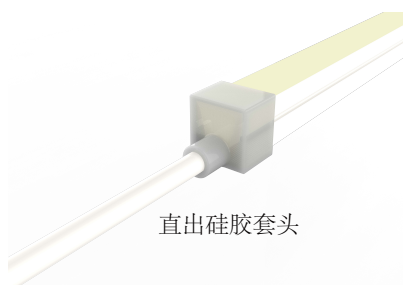


铝卡扣 MX-01-002949



铝型材
MX-01-002950

注意：只是展示出线方式和堵头样式



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任何隔离电源驱动led条等降压电源。
 - 为保证灯条的寿命和可靠性，请不要弯曲半径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)

RGB版本请使用12V电源

