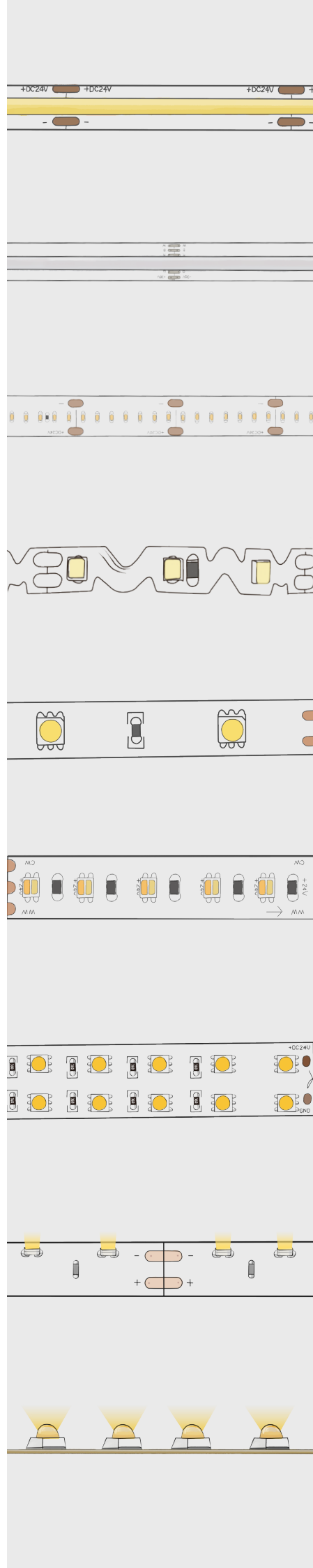




工厂:佛山市顺德区龙江镇宝涌工业区宝涌工业大道西区二路8号万洋共创园9-10栋

www.mingxueled.com

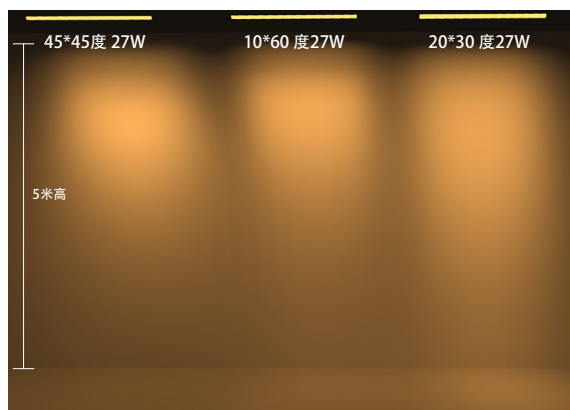
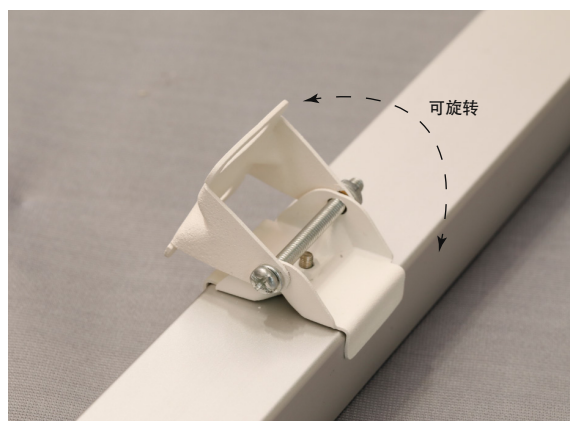


柔性大洗墙灯二代

- 即可正弯也可侧弯；
- 多种透镜角度选择，如10*60度，20*30度，45度等等；
高光效3030和3535 灯珠，可做白光/DMX RGBW版本；
- 采用恒流IC设计，防水IP67，并达到IK07
- 配件齐全，卡扣，型材，可旋转支架
- 弯曲和扭转更轻柔，体积更小，体积大，重量轻
- 韧弯曲，抗冲击能力强，抗撕裂能力强，耐候性强
- 5年质保，5万小时寿命。



NEW



智能控制，
随你的想法改变颜色



产品参数

系列	型号	电压	色温	功率	显指	Lm/m	Lm/ft	Lm/W	CD	透镜角度	灯珠数	产品长度
DMX RGBW	MF355Z024Q80-D040W6A16106D-2727ZB02	24V	RGBW	27W	N/A	945	288	35	1350	10°60°	3535 24/M	以250mm为单位 定制长度
	MF355Z024Q80-D040W6A16106D-2727ZB01	24V	RGBW	27W	N/A	1188	362	44	2600	20°30°	3535 24/M	以250mm为单位 定制长度
	MF355Z024Q80-D040W6A16106D-2727ZB03	24V	RGBW	27W	N/A	1000	305	37	1100	45°45°	3535 24/M	以250mm为单位 定制长度
单色	MF330W024Q80-D040G6A16106N-2727ZB02	24V	2700K 3000K 4000K 6500K	27W	80	1620	494	60	2270	10°60°	3030 24/M	以250mm为单位 定制长度
	MF330W024Q80-D040G6A16106N-2727ZB03	24V	2700K 3000K 4000K 6500K	27W	80	2214	675	82	4240	20°30°	3030 24/M	以250mm为单位 定制长度
	MF330W024Q80-D040G6A16106N-2727ZB04	24V	2700K 3000K 4000K 6500K	27W	80	1809	552	67	1470	45°45°	3030 24/M	以250mm为单位 定制长度

注意:单端供电最大连接长度为5米,
以上规格参数是基于4000K, 灰色灯体的测试数据。

灯珠类型:	单色: 3030/灯珠 DMX RGBW:3535灯珠
显指:	Ra>80
透镜角度:	10°60° /20°30° /45°
工作环境温度:	-20~45℃[-4~113°F]
像素段和地址数量:	4Pixel/米

输入电流/米:	0.9~1.15A
抗静电:	1000V (ESD)
质保:	5years
寿命:	50,000H

注意:

- 与4000K相比, CCT 2700K的光通量降低10%, CCT 3000/3500K的光通量降低5%, CCT 5000K/ 6500K的光通量相同。
- 欧规(EU)201 /2020的能效等级为4000K为E(CRI80), CCT为F(CRI80), 它取决于CRI和CCT。
- 不需要使用额外的散热器, 具有自吸能力。
- DMX版数据传输方向必须按照FPC上打印的箭头从PI到Po, 不能反向连接, 否则灯带会失控甚至损坏

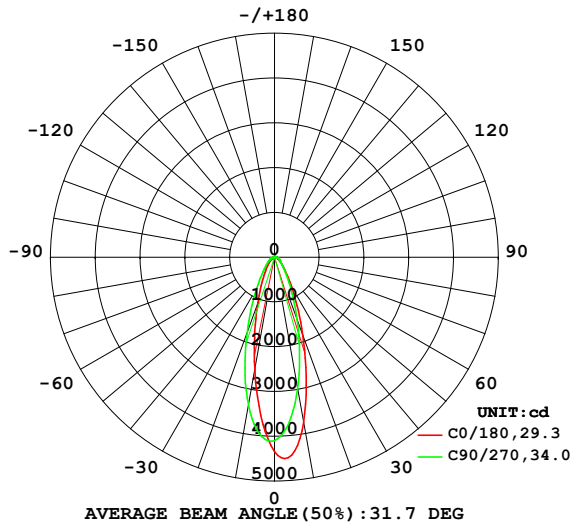
挤出材料比较

注:此为原材料对比, 电子部件请以说明书为准

对比项目	硅胶	PVC	PU
抗UV/耐黄变	★★★★★	★★★☆☆	★★★☆☆
耐高温 (环境)	 250°C	 80°C	 80°C
耐低温 (环境)	 -50°C	 -20°C	 -20°C
环保性	★★★★★	★★★☆☆	★★★★★
吸附性	★★★★★	★★★☆☆	★★★☆☆
耐甲醛			
耐酸性	★★★★★	★★★☆☆	★★★★★
耐碱性	★★★★★	★★★☆☆	★★★☆☆
散热性			
颜色一致性			
抗拉强度	★★★★★	★★★★★	★★★☆☆

注:此为原材料对比, 电子部件请以说明书为准

IES 数据



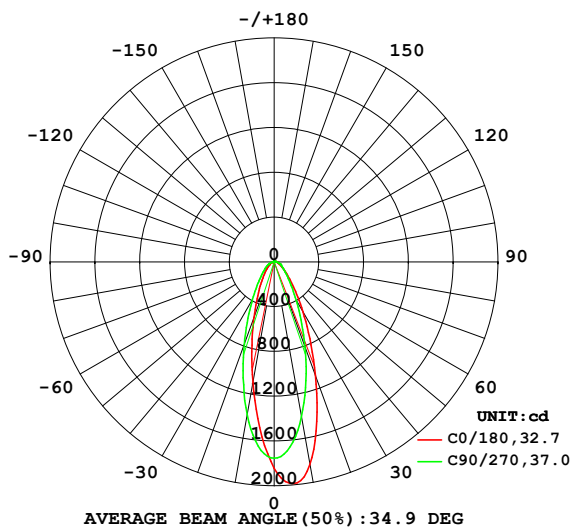
单色 20*30 度

Flux out:667.6 lm

1m	2960,4482lx	52.29cm
2m	739.9,1120lx	104.58cm
3m	328.9,498.0lx	156.87cm
4m	185.0,280.1lx	209.16cm
5m	118.4,179.3lx	261.46cm
6m	82.21,124.5lx	313.75cm
7m	60.40,91.47lx	366.04cm
8m	46.25,70.03lx	418.33cm
9m	36.54,55.33lx	470.62cm
10m	29.60,44.82lx	522.91cm

Height Eavg,Emax Angle:29.30deg Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



DMX RGBW 20*30 度

Flux out:363.6 lm

1m	1238,1966lx	58.68cm
2m	309.6,491.5lx	117.37cm
3m	137.6,218.5lx	176.05cm
4m	77.39,122.9lx	234.73cm
5m	49.53,78.64lx	293.42cm
6m	34.39,54.61lx	352.10cm
7m	25.27,40.12lx	410.79cm
8m	19.35,30.72lx	469.47cm
9m	15.29,24.27lx	528.15cm
10m	12.38,19.66lx	586.84cm

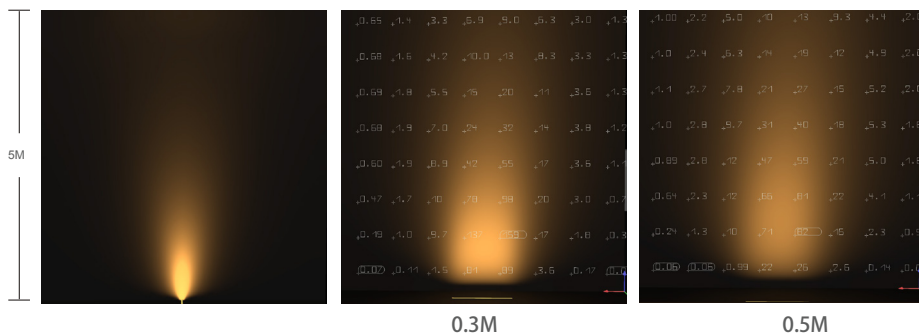
Height Eavg,Emax Angle:32.71deg Diameter

Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

发光效果

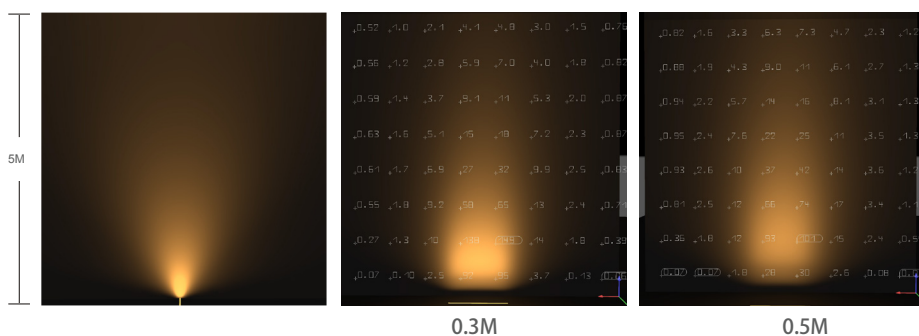
20°*30°

20°*30度光束透镜
建议离墙距离: 0.5M,
光照亮度高, 光照距离远



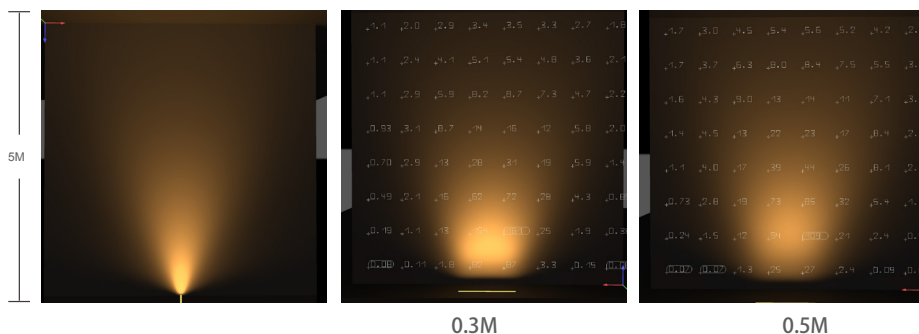
10°*60°

10°*60度光束透镜
建议离墙距离: 0.5M
发光面大, 光照距离远

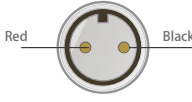
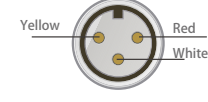
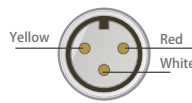
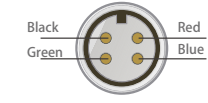
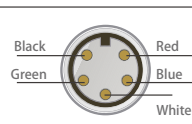
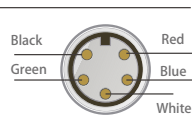


45°

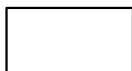
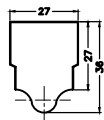
45度光束透镜
建议离墙距离: 0.5M
发光面积大



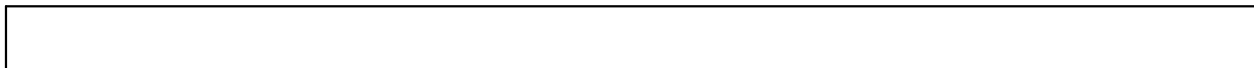
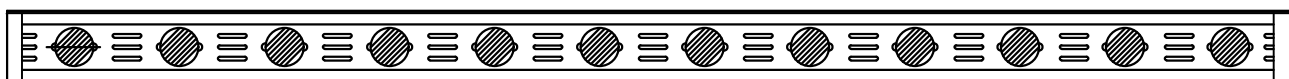
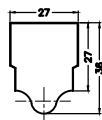
线标 (具体请看产品线标)

● 单色			○ CCT		
○ SPI			○ RGB		
○ RGBW			○ RGBCT		
● DMX					

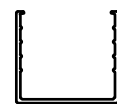
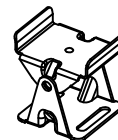
组合模式



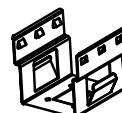
洗墙灯造型或者弯曲安装时，请使用铝槽安装卡扣，1pcs铝槽配1个安装钣金卡扣，具体数量可按照实际造型决定安装卡扣配件数量。



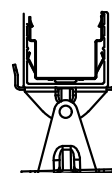
洗墙灯直线安装时，请使用铝槽安装，1米铝槽配5个安装钣金卡扣，同时也可以按照客户的意愿进行配置安装钣金卡扣，但是前提是钣金卡扣需要 ≥ 5 pcs，在客户安装需要使灯带出光带旋转的环境下，可增加旋转支架2pcs，同时也可以按照客户的意愿进行配置旋转支架的数量，但是前提是钣金卡扣需要 ≥ 2 pcs



铝型材
MX-01-002862

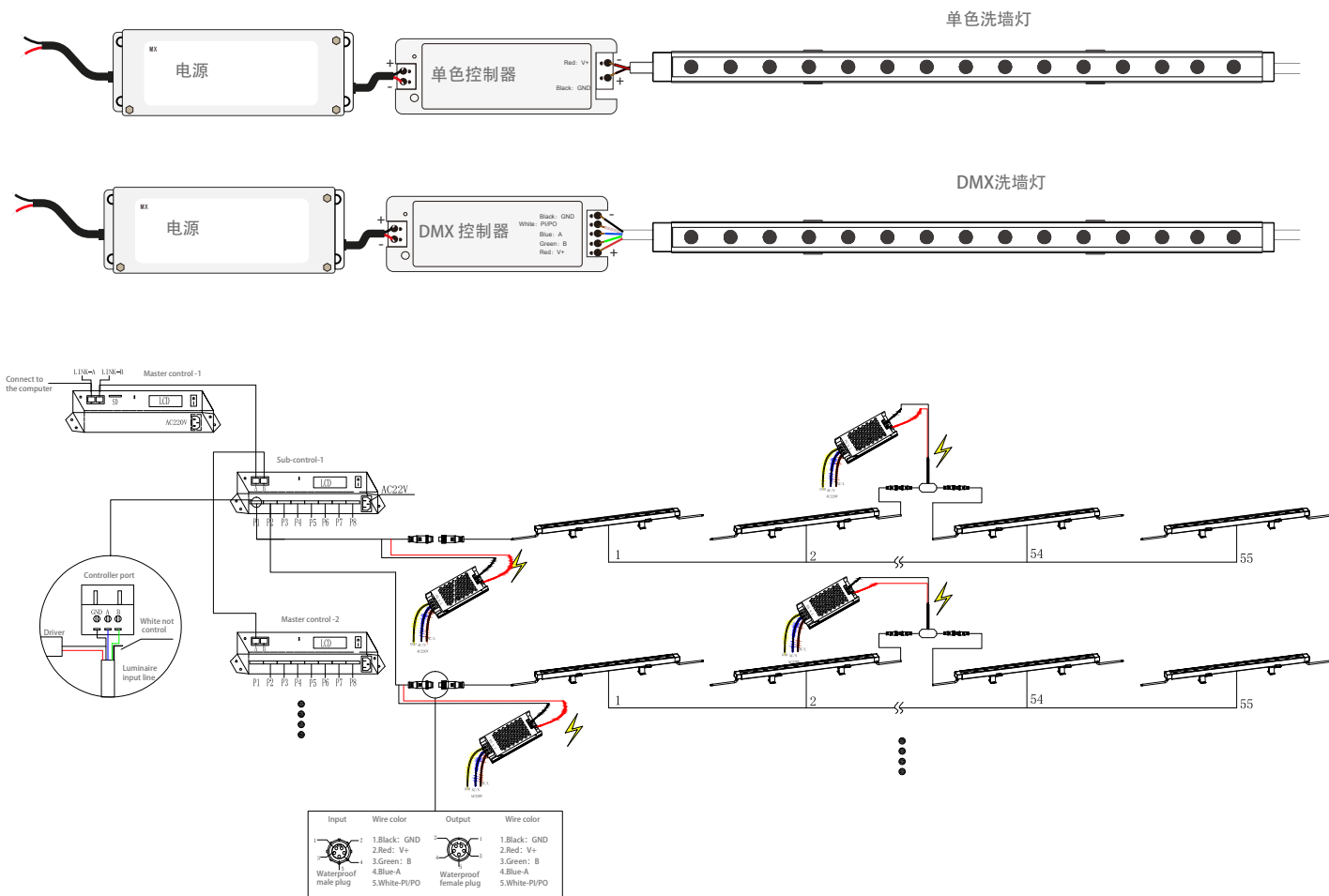


钣金卡扣
MX-01-002864

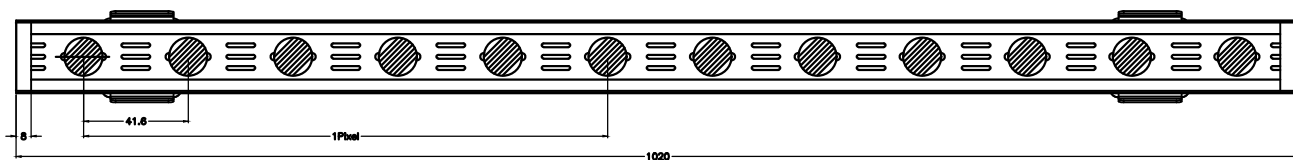


可旋转支架
MX-01-002870

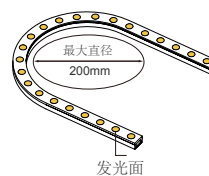
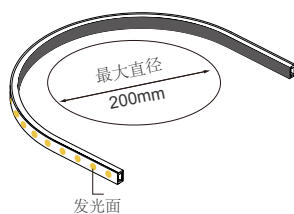
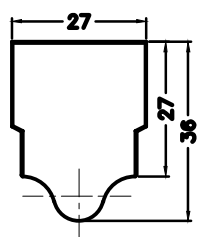
接线图



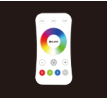
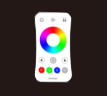
产品展示图



单位: mm



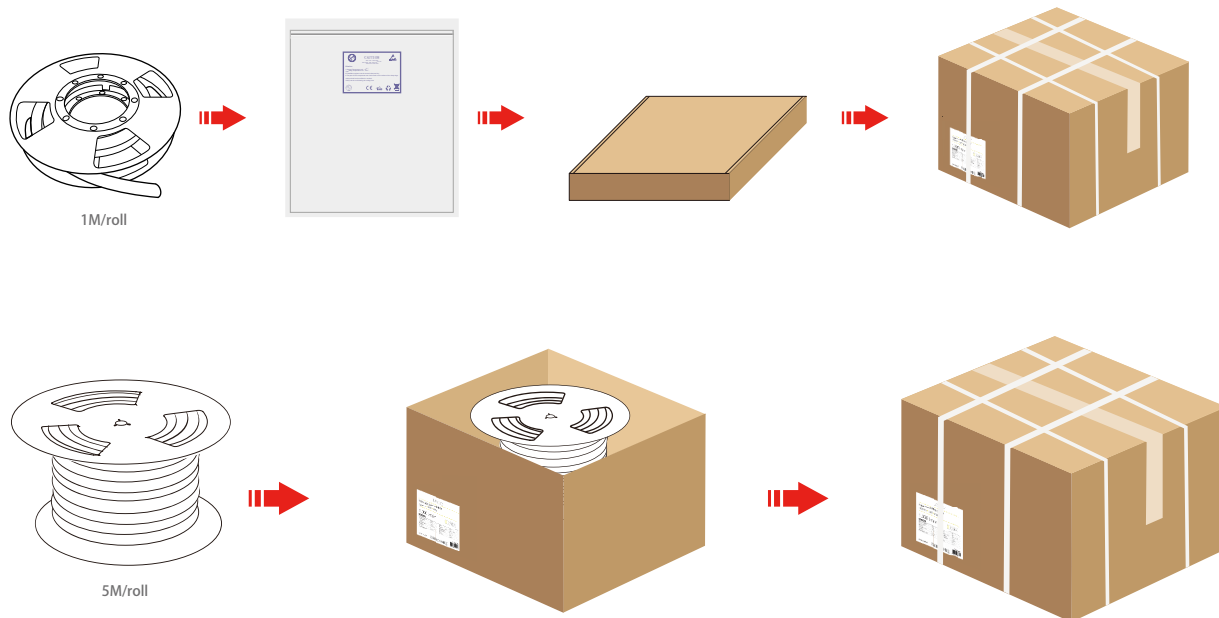
控制器

图片	类型	型号	规格	匹配
	Monochrome remote	MX-03-030472	Output signal:RF(2.4GHz) Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:Ta:-30°C~+55°C	Use with Monochrome light strip
	Monochrome light controller	MX-03-030322	Input voltage:12-48VDC Output current:15A@12V/24V-10A@36V/48V Output Power:180W@12V-360W@24V 360W@36V-480W@48V Working temperature:Ta:-30°C~+55°C	Use with Monochrome light strip
	CCT remote	MX-03-030466	Output signal:RF(2.4GHz) Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:Ta:-30°C~+55°C	Use with CCT light
	Color temperature controller	MX-03-030437	Input voltage :12-24VDC Output current :2CH,5A/CH Output Power :2x(120-240)W Working temperature:Ta:-30°C~+55°C	Use with CCT light
	RGB remote	MX-03-030469	Output signal :RF(2.4GHz) Working voltage :3VDC(CR2032) Remote control distance:30m Working temperature:Ta:-30°C~+55°C	Use with RGB light
	RGB Controller	MX-03-030467	Input voltage :12-24VDC Output current :3CH,4A/CH Output Power :144-288W Working temperature:Ta:-30°C~+55°C	Use with RGB light
	RGBW remote	MX-03-030454	output signal:RF(2.4GHz) Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:-30°C~+55°C	Use with RGBW light
	RGBW Controller	MX-03-030455	Input Voltage:12-24 VDC; Output Current:4A*4CH, Max 6A/CH; 192W/384W (12V/24V)	Use with RGBW light
	MX-03-030475	LTSA512 DMX Master Controller	Input Voltage:5V DC Power Consumption:<2W Connection way:Mini USB Internal Memory:6000 steps@512Chs Output Connector:XLR-3 Transmission Signal:DXM512 PC Software:LTECH LED player	Use with DMX Pixel light
	MX-03-030479	DMX512 to SPI Pixel Decoder	(1)5-24VDC (2)Input Signal:DMX512/RDM+RF 2.4G Output signal:pixel signal (3)Control dots:1024 (4)Compatible with 37 kinds of Driving ICs;Numeric diaplay (5)Reverse Polarity Protection.	Use with SPI Pixel light
	MX-03-030458	SPI Controller	12-24VDC Input signal:RF2.4G,WORK WITH R9 remote Output signal:SPI(TTL) Control dots:1024 Compatible with 45 kinds of Driving ICs Reverse polarity protection	Use with SPI Pixel light
	MX-03-030459	RGB/RGBW SPI remote	Output signal:RF(2.4Hz) Working voltage:3VDC(CR2032) Remote control distance:30m Working temperature:-Ta30°C~+55°C	Use with SPI Pixel light

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 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 VHB5952 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

包装



Safety Information

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)