

LED 霓虹灯带-室内版/LED Flex Cove-Neon Indoor

LS360S

Mounting Instruction/安装说明



Type 型号	Max lm/M (Typical) 最大流明/米	Max Power/5M 最大功率/5米	Power/M 功率/米	Ra 显指	Input Voltage 输入电压	CCT 色温	ection (width * height) 截面 (宽*高)	Lifetime/hrs 寿命/小时	View Series 出光系列
LS360S LEDXX PYY ZK L5 0410 S	295	41	3.15/6.3/10.5	90	DC24V	2700K/3000K/3500K/4000K/5700K	4*10 mm	30Khrs	Side Bend
LS360S LEDXX PYY ZK L5 0612 S	480	67	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	6*12 mm	30Khrs	Side Bend
LS360S LEDXX PYY ZK L5 1616 S	880	69	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	16*16 mm	30Khrs	Side Bend
LS360S LEDXX PYY ZK L5 2020 S	900	80	6/12/18	90	DC24V	2700K/3000K/3500K/4000K/5700K	20*20 mm	30Khrs	Side Bend
LS360S LEDXX PYY TNW L5 0612 S	350	44.5	11	90	DC24V	2700K-6500K/2200-4000K	6*12 mm	30Khrs	Side Bend
LS360S LEDXX PYY TNW L5 1616 S	550	47	11	90	DC24V	2700K-6500K/2200-4000K	16*16 mm	30Khrs	Side Bend
LS360S LEDXX PYY TNW L5 2020 S	490	48	18	90	DC24V	2700K-6500K/2200-4000K	20*20 mm	30Khrs	Side Bend
LS360S LEDXX PYY RGBW L5 1616 S	360	46.5	11	90	DC24V	RGB+3000K	16*16 mm	30Khrs	Side Bend
LS360S LEDXX PYY RGBW L5 2020 S	310	48	11	90	DC24V	RGB+3000K	20*20 mm	30Khrs	Side Bend
LS360S LEDXX PYY ZK L5 0808 T	580	41	3.15/6.3/10.5	90	DC24V	2700K/3000K/3500K/4000K/5700K	8*8 mm	30Khrs	Top Bend
LS360S LEDXX PYY ZK L5 1010 T	1000	67	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	10*10 mm	30Khrs	Top Bend
LS360S LEDXX PYY ZK L5 1616 T	880	69	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	16*16 mm	30Khrs	Top Bend
LS360S LEDXX PYY ZK L5 2020 T	900	80	6/12/18	90	DC24V	2700K/3000K/3500K/4000K/5700K	20*20 mm	30Khrs	Top Bend
LS360S LEDXX PYY TNW L5 1010 T	650	44.5	11	90	DC24V	2700K-6500K/2200-4000K	10*10 mm	30Khrs	Top Bend
LS360S LEDXX PYY TNW L5 1616 T	550	47	11	90	DC24V	2700K-6500K/2200-4000K	16*16 mm	30Khrs	Top Bend
LS360S LEDXX PYY TNW L5 2020 T	490	48	18	90	DC24V	2700K-6500K/2200-4000K	20*20 mm	30Khrs	Top Bend
LS360S LEDXX PYY RGBW L5 1616 T	360	46.5	11	90	DC24V	RGB+3000K	16*16 mm	30Khrs	Top Bend
LS360S LEDXX PYY RGBW L5 2020 T	310	48	11	90	DC24V	RGB+3000K	20*20 mm	30Khrs	Top Bend
LS360S LEDXX PYY ZK L5 0410 S L	295	41	3.15/6.3/10.5	90	DC24V	2700K/3000K/3500K/4000K/5700K	4*10 mm	50Khrs	Side Bend
LS360S LEDXX PYY ZK L5 0612 S L	480	67	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	6*12 mm	50Khrs	Side Bend
LS360S LEDXX PYY ZK L5 1616 S L	880	69	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	16*16 mm	50Khrs	Side Bend
LS360S LEDXX PYY ZK L5 2020 S L	900	80	6/12/18	90	DC24V	2700K/3000K/3500K/4000K/5700K	20*20 mm	50Khrs	Side Bend
LS360S LEDXX PYY ZK L5 0808 T L	580	41	3.15/6.3/10.5	90	DC24V	2700K/3000K/3500K/4000K/5700K	8*8 mm	50Khrs	Top Bend
LS360S LEDXX PYY ZK L5 1010 T L	1000	67	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	10*10 mm	50Khrs	Top Bend
LS360S LEDXX PYY ZK L5 1616 T L	880	69	6.3/10/16	90	DC24V	2700K/3000K/3500K/4000K/5700K	16*16 mm	50Khrs	Top Bend
LS360S LEDXX PYY ZK L5 2020 T L	900	80	6/12/18	90	DC24V	2700K/3000K/3500K/4000K/5700K	20*20 mm	50Khrs	Top Bend

Recommended Power Supply Model/推荐电源型号

Dimming	I2nc	Product description
I-10V	929003463480	Xi LED Transformer 60W 24VDC
I-10V	929003463580	Xi LED Transformer 120W 24VDC
DALI	929002200506	LED Transformer 60W 24VDC TD 220-240V
DALI	929002200606	LED Transformer 100W 24VDC TD 220-240V
DALI	929002200706	LED Transformer 150W 24VDC TD 220-240V
FIXED	929003426580	CertaDrive LED Transformer 60W 24VDC
FIXED	929003426680	CertaDrive LED Transformer 120W 24VDC

Note:

1) The wattage is typical value based on 1m length. It also depends on the selected driver efficiency and overall loading length.

2) The lumen is based on 930. It varies with different CCT options.

3) Due to the electrical properties of low voltage DC driven LED strips, the wattage and lumens value of LED strips per roll (5m) is not equal of 5 times of value per meter.

注意:

1) 功率值为基于1米灯带的典型值。功率也取决于选用的电源效率和灯带负载长度。

2) 流明宣称基于930，不同色温的光通量数据会有所不同。

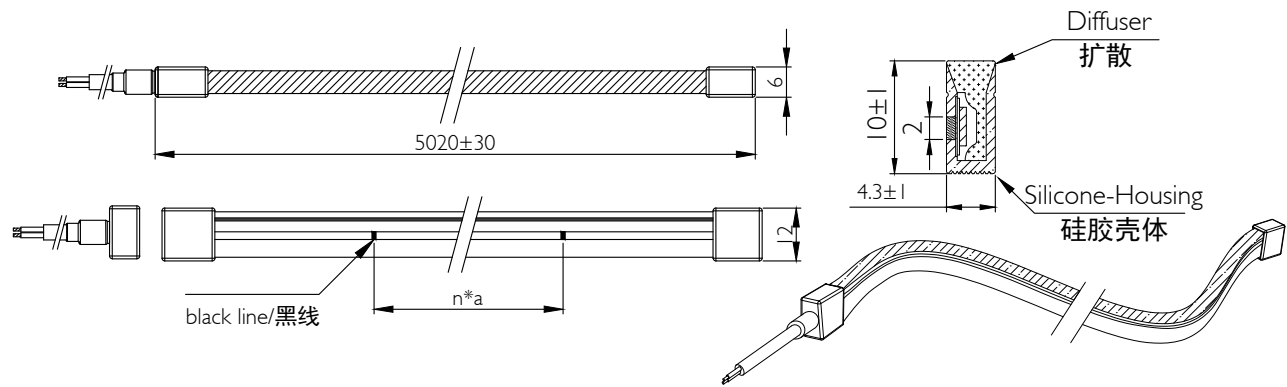
3) 由于低压恒流LED灯带产品电学特性，每卷(5米)灯带的功率与光通量数值不是每米灯带的功率与光通量数值的线性5倍关系。

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邮编: 200233



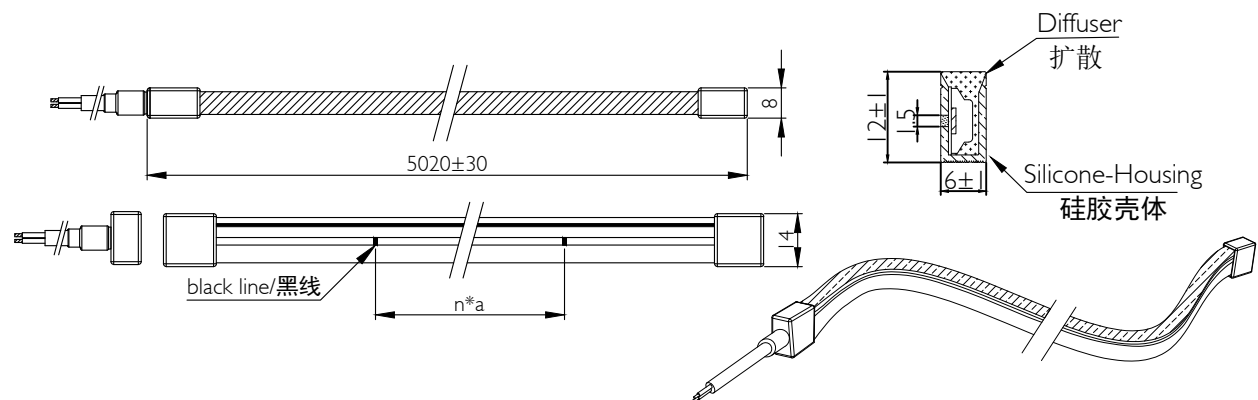
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Product dimension/产品尺寸



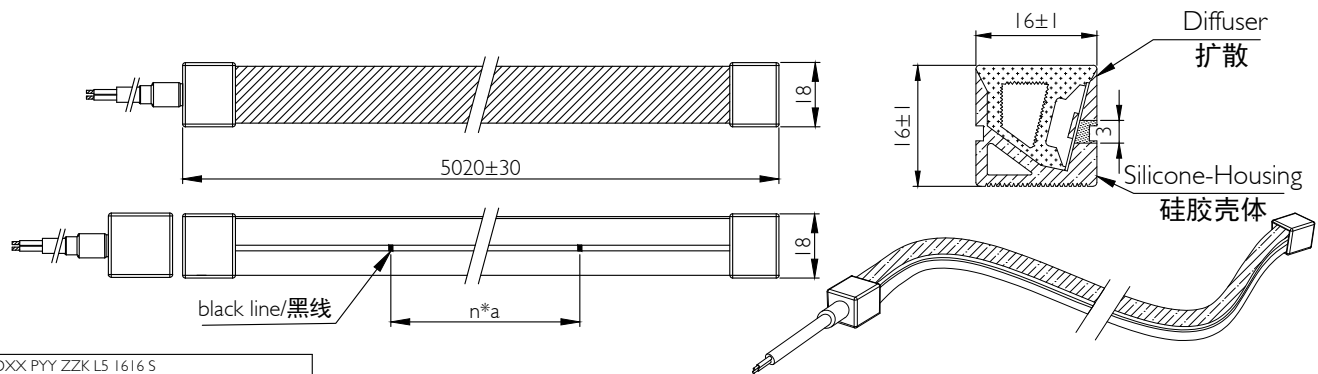
LS360S LEDXX PYY ZZK L5 0410 S
LS360S LEDXX PYY ZZK L5 0410 S L

Dimension/尺寸	a/mm	Mono Color	Unit: mm/单位: mm
		50.00	



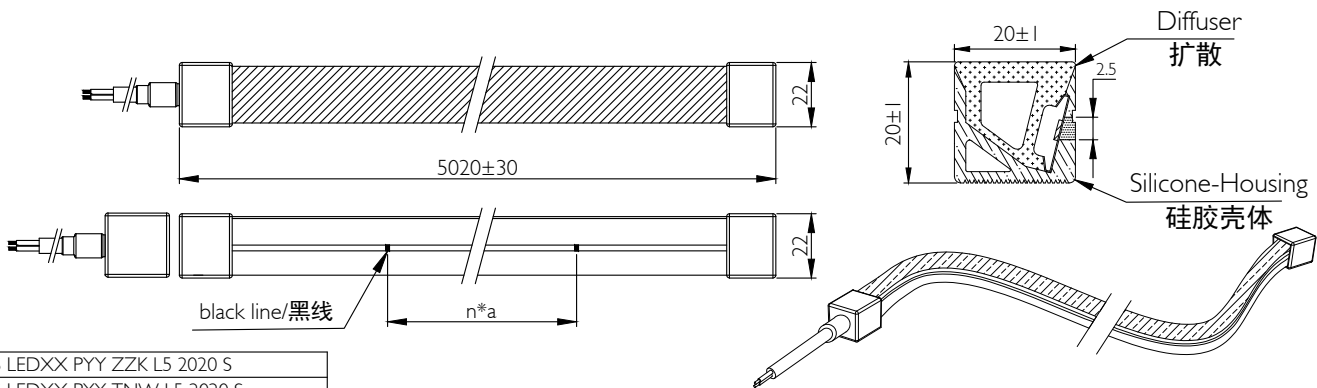
LS360S LEDXX PYY ZZK L5 0612 S
LS360S LEDXX PYY ZZK L5 0612 S L
LS360S LEDXX PYY TNW L5 0612 S

Dimension/尺寸	a/mm	Mono Color	Tnw	Unit: mm/单位: mm
		50.00	83.33	



LS360S LEDXX PYY ZZK L5 1616 S
LS360S LEDXX PYY TNW L5 1616 S
LS360S LEDXX PYY RGBW L5 1616 S
LS360S LEDXX PYY ZZK L5 1616 S L

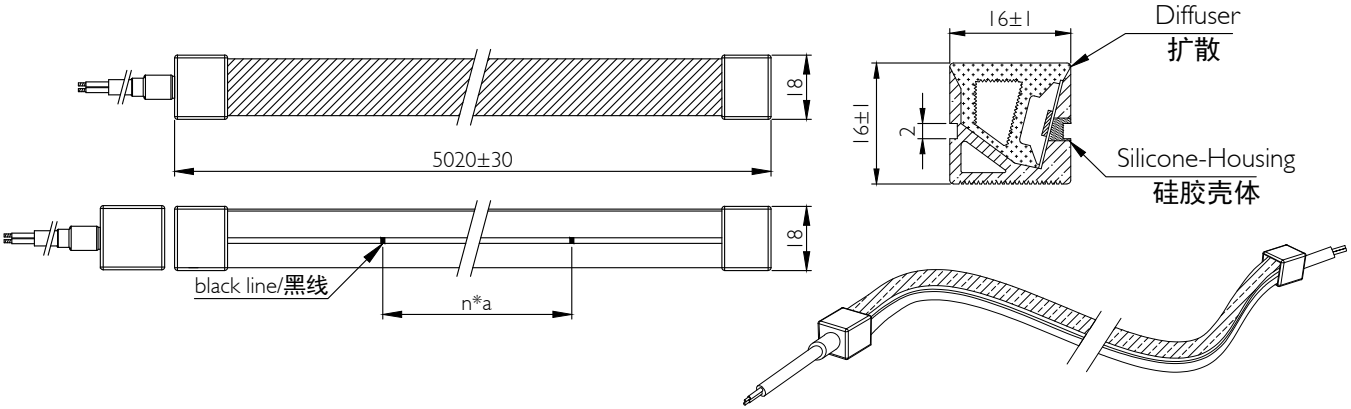
Dimension/尺寸	a/mm	Mono Color	Tnw	RGBW	Unit: mm/单位: mm
		50.00	83.33	125.00	



LS360S LEDXX PYY ZZK L5 2020 S
LS360S LEDXX PYY TNW L5 2020 S
LS360S LEDXX PYY RGBW L5 2020 S
LS360S LEDXX PYY ZZK L5 2020 S L

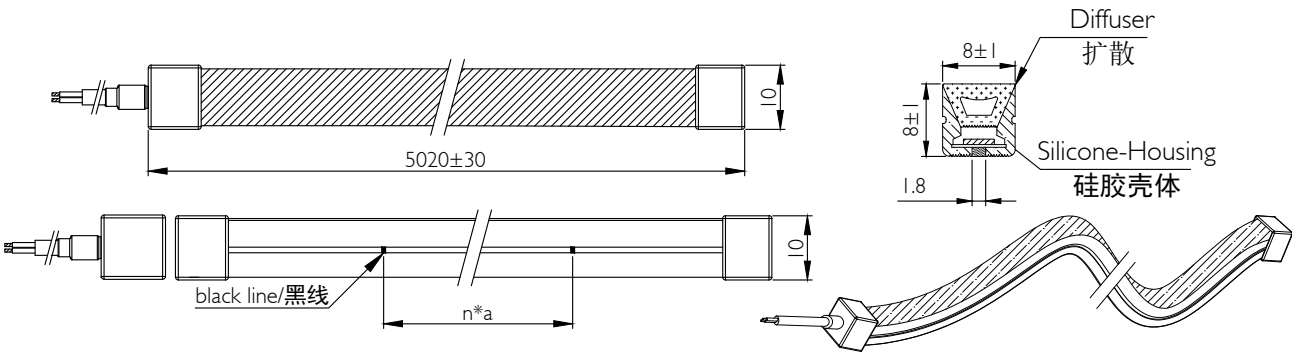
Dimension/尺寸	a/mm	Mono Color	Tnw	RGBW	Unit: mm/单位: mm
		38.46	71.42	125.00	

Product dimension/产品尺寸



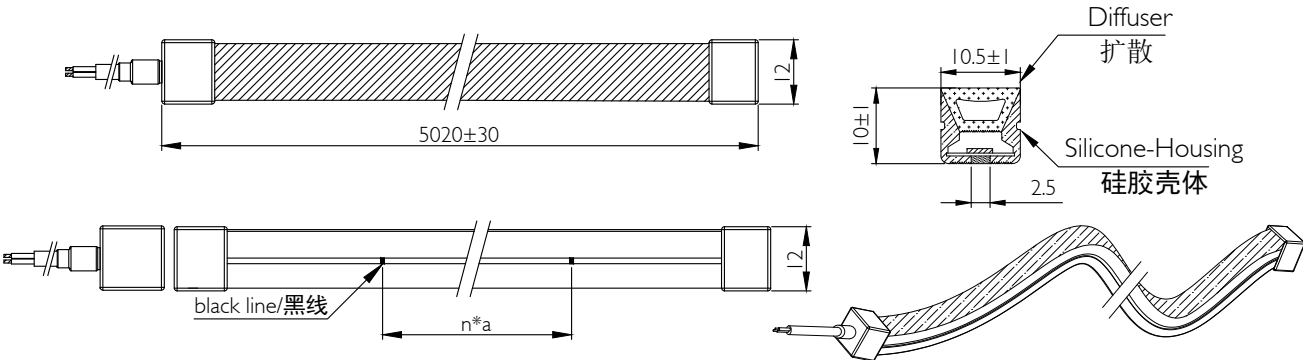
LS360S LEDXX PYY ZZK DMX L5 1616 S
LS360S LEDXX PYY TNW DMX L5 1616 S
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Dimension/尺寸	a/mm	Dmx	Unit: mm/单位: mm
		125.00	



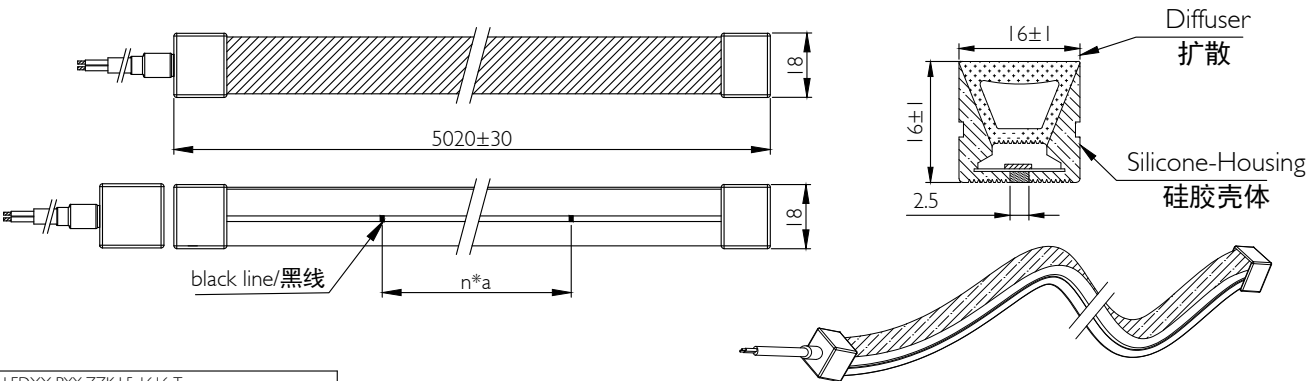
LS360S LEDXX PYY ZZK L5 0808 T
LS360S LEDXX PYY ZZK L5 0808 T L

Dimension/尺寸	a/mm	Mono Color	Unit: mm/单位: mm
		41.67	



LS360S LEDXX PYY ZZK L5 1010 T
LS360S LEDXX PYY ZZK L5 1010 T L
LS360S LEDXX PYY TNW L5 1010 T

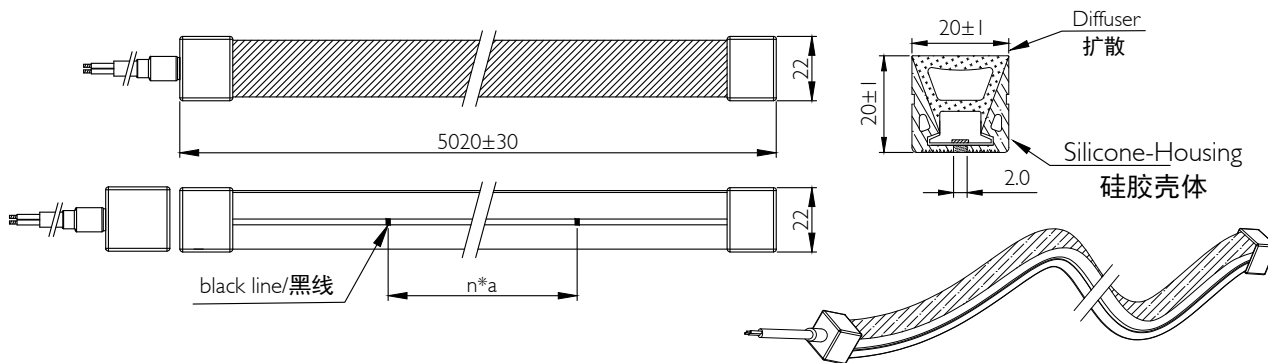
Dimension/尺寸	a/mm	Mono Color	Tnw	Unit: mm/单位: mm
		50.00	83.33	



LS360S LEDXX PYY ZZK L5 1616 T
LS360S LEDXX PYY TNW L5 1616 T
LS360S LEDXX PYY RGBW L5 1616 T
LS360S LEDXX PYY ZZK L5 1616 T L

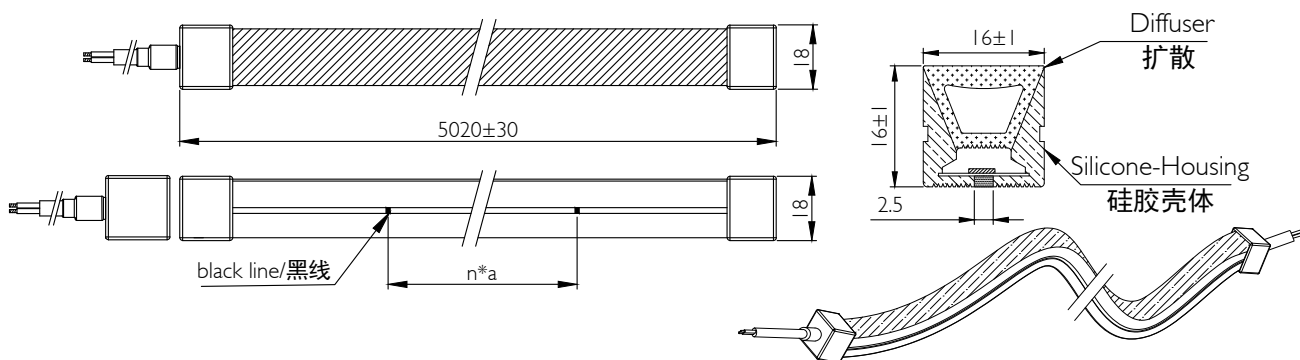
Dimension/尺寸	a/mm	Mono Color	Tnw	RGBW	Unit: mm/单位: mm
		50.00	83.33	125.00	

Product dimension/产品尺寸



LS360S LEDXX PYY ZZK L5 2020 T
LS360S LEDXX PYY TNW L5 2020 T
LS360S LEDXX PYY RGBW L5 2020 T
LS360S LEDXX PYY ZZK L5 2020 T L

Dimension/尺寸	a/mm	Mono Color	Tnw	RGBW	Unit: mm/单位: mm
		38.46	71.42	125.00	

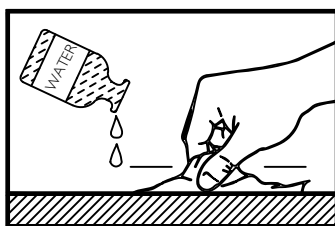


LS360S LEDXX PYY ZZK DMX L5 1616 T
LS360S LEDXX PYY TNW DMX L5 1616 T
LS360S LEDXX PYY RGBW DMX L5 1616 T

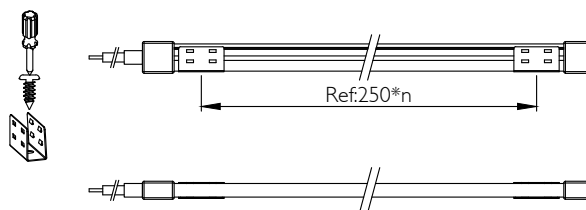
Dimension/尺寸	a/mm	Dmx	Unit: mm/单位: mm
		125.00	

Surface mounting/表面安装

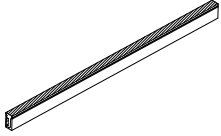
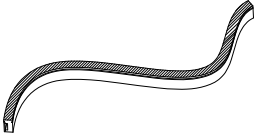
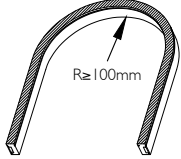
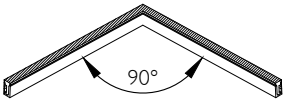
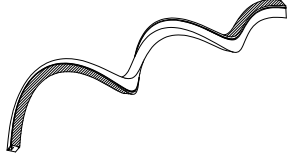
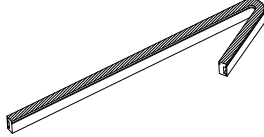
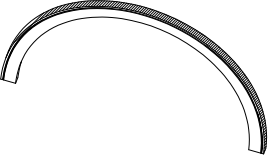
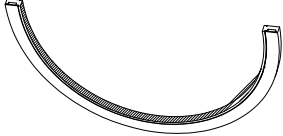
- Using clean water to wipe the mounting surface.
用清水擦拭安装表面。

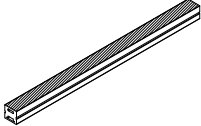
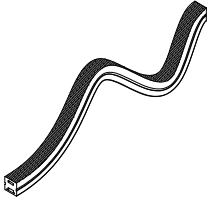
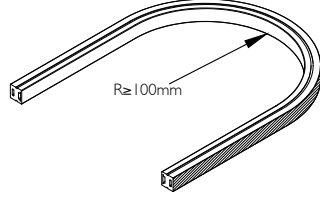
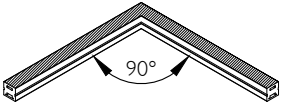
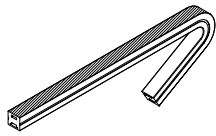


- Using mounting clip and self-tapping screw to fix strip.
使用卡扣和自攻螺钉固定灯带。



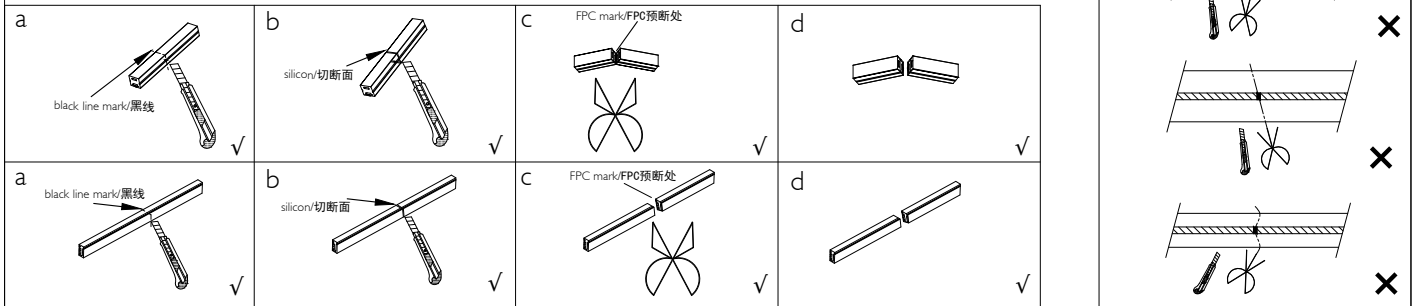
Type 型号	0410S	0612S	0808T	1010T	1616S/T	2020S/T
shape 形状						
Length * Width * Height 长*宽*高 (mm)	21.5*9.5	20*7.1*11	30*9*10	30*11.1*8.4	20*16*10.6	30*21*14.5
12nc	911401519444	911401519544	911401519744	911401519844	911401519644	
Accessory kit/安装配件包	* 16 Pcs * 3 Pcs * 3 Pcs	* 16 Pcs * 1 Pcs * 1 Pcs * 1 Pcs * 3 Pcs	* 16 Pcs * 3 Pcs * 3 Pcs	* 16 Pcs * 2 Pcs * 1 Pcs * 3 Pcs	* 16 Pcs * 2 Pcs * 1 Pcs * 3 Pcs	* 16 Pcs * 2 Pcs * 1 Pcs * 3 Pcs

Installation angle/安装角度 I.0410S/0612S/1616S/2020S Side Bend 0410S/0612S/1616S/2020S 侧发光		
Side Bend Correct installation angle/侧发光正确安装角度		
①  	②  	③  
Side Bend Incorrect installation angle /侧发光错误安装角度		
①  	②  	③  
④  	⑤  	

Installation angle/安装角度 2.0808T/1010 T/1616T/2020T Top Bend 0808T/1010T/1616T/2020T 正发光		
Top Bend Correct installation angle/正发光正确安装角度		
①  	②  	③  
Top Bend Incorrect installation angle /正发光错误安装角度		
①  	②  	③  
④  	⑤  	

Cutting method/剪切方式

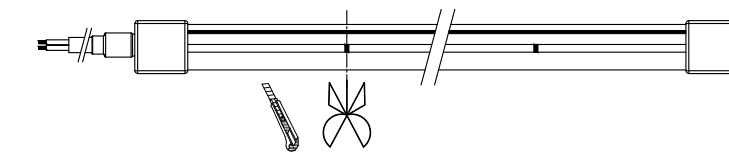
- Engineers shall cut the strips at the black line mark and then rip off the silicon (refer to Picture a & b)
先用美工刀沿着灯带黑线的方向切断至FPC预断处，图a、b！（即灯带黑线的正上方另侧、或者说灯带背面或者侧面）
 - Use a scissor to cut till FPC mark , refer to picture c&d.
再用剪刀剪掉FPC预断处，图c、d！
 - Clients MUST handle it with the instruction , cut it verticality . refer to Picture e
注意剪切方式，正垂直剪切面，而非其它方式，图e！
- Refer to the picture which show how 1616T cut,0410S, 0612S, 0808T, 1010T, 1616S, 2020S and 2020T
4.could be handle in the same way
如图所示为1616T剪切方式，0410S、0612 S、0808T、1010 T、 1616S、 2020S和2020T的剪切方式与其相同。



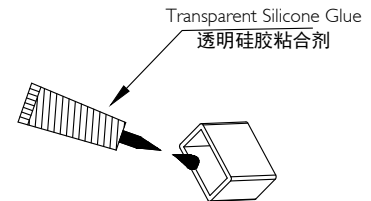
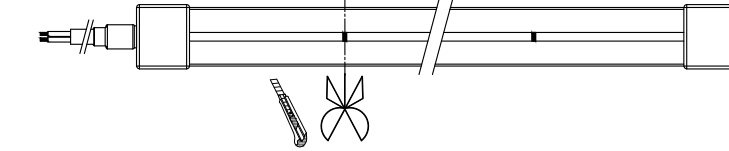
Plug installing/堵头安装

- The cut light strip can be plugged and glued at one end to achieve installation effect, as shown in the picture!
剪断的灯带，一端可以堵头打胶以达到防水效果，如图所示！
- The Silicone glue is purchased by customer.
硅胶粘合剂由客户自行采购。
- The direction of silicone cap with wire is for reference only !
堵头出线示意图仅供参考！

Side Bend 侧发光



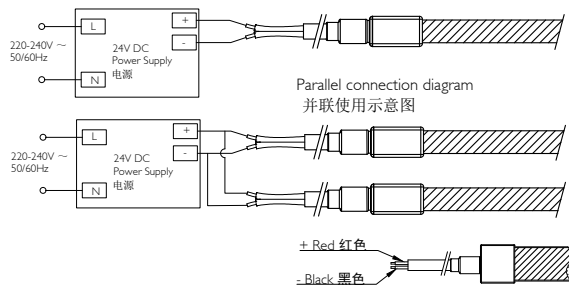
Top Bend 正发光



Cable Connection/出线连接方式

Mono Color 单色

电源-灯具连接图
Power supply connection diagram



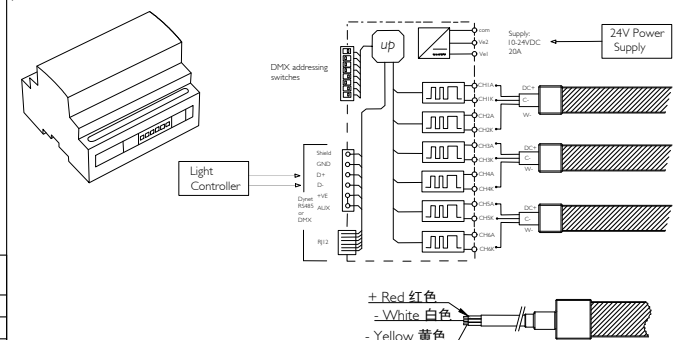
Type 型号	Max product lengths the 60W power supply supports 60W电源可支持灯带长度	Max product lengths the 100W power supply supports 100W电源可支持灯带长度	Max product lengths the 150W power supply supports 150W电源可支持灯带长度
LS360S LEDXX PYY ZZK L5 0410 S/S L	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY ZZK L5 0612 S/S L	\\(米)	5M(米)	10M(米)
LS360S LEDXX PYY ZZK L5 1616 S/S L	\\(米)	5M(米)	10M(米)
LS360S LEDXX PYY ZZK L5 2020 S/S L	\\(米)	5M(米)	5M(米)
LS360S LEDXX PYY ZZK L5 0808 T/T L	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY ZZK L5 1010 T/T L	\\(米)	5M(米)	10M(米)
LS360S LEDXX PYY ZZK L5 1616 T/T L	\\(米)	5M(米)	10M(米)
LS360S LEDXX PYY ZZK L5 2020 T/T L	\\(米)	5M(米)	5M(米)



Note: The power supply and other connection cables need to be purchased by the customers separately. The diameter of the cable must be 0.75mm.
注意：电源及其它连接线由客户自行购买；电线线径至少为0.75mm。

TNW Cable 双色

- 控制盒与灯具的连接参考如下图，灯带的正极（红色线材）接控制盒的正极接口。
The connection between the control box and the lighting fixture is shown in the following figure. The positive pole (red wire) of the light strip is connected to the positive pole interface of the control box.
- 灯带的负极（黄色/暖白-）（白色/冷白-）对应接控制盒的负极接口。
The negative pole of the light strip (yellow/warm white -) (white/cold white -) corresponds to the negative pole interface of the control box.



Type 型号	Max product lengths the 60W power supply supports 60W电源可支持灯带长度	Max product lengths the 100W power supply supports 100W电源可支持灯带长度	Max product lengths the 150W power supply supports 150W电源可支持灯带长度
LS360S LEDXX PYY TNW L5 0612 S	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY TNW L5 1616 S	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY TNW L5 2020 S	5M(米)	10M(米)	15M(米)



Note: The power supply and other connection cables need to be purchased by the customers separately. The diameter of the cable must be 0.75mm.
注意：电源及其它连接线由客户自行购买；电线线径至少为0.75mm。

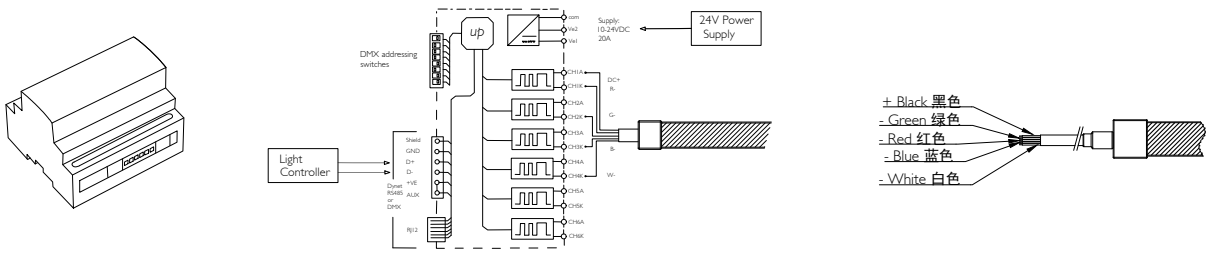
RGBW

1. 驱动与灯具的连接参考如下图，灯带的正极（黑色线材）接驱动电源的正极接口。

The junction of the driver and lighting strip refer to below figure, the positive pole of the lighting strip (the black cable) join to the positive connector of the driver.

2. 灯带的负极（绿+红+蓝+白线）对应接驱动电源的负极接口。

The negative pole of the lighting strip (Green+Red+Blue+White) join to the corresponding negative connector of the driver.



Type 型号	Max product lengths the 60W power supply supports 60W电源可支持灯带长度	Max product lengths the 100W power supply supports 100W电源可支持灯带长度	Max product lengths the 150W power supply supports 150W电源可支持灯带长度
LS360S LEDXX PYY RGBW L5 1616 S	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY RGBW L5 2020 S	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY RGBW L5 1616 T	5M(米)	10M(米)	15M(米)
LS360S LEDXX PYY RGBW L5 2020 T	5M(米)	10M(米)	15M(米)



Note: The power supply and other connection cables need to be purchased by the customers separately. The diameter of the cable must be $\geq 0.75\text{mm}$.

注意：电源及其它连接线由客户自行购买；电线线径至少为0.75mm²。

Please read this manual carefully before using the product 使用本产品前，请先仔细阅读本手册



- The manufacturer will not be held responsible for improper usage or modifications of the product.
所有不当使用或自行更改产品结构而导致损坏，生产商不负任何责任。
- Recommend to use Philips power supply (This product must use SELV (isolated) power supply); The power supply must comply with independent driver requirements of IEC61347-2-13/GB19510.14.
推荐同飞利浦电源驱动器配套使用（产品必须和SELV隔离电源一起使用）。电源驱动器必须符合IEC61347-2-13/GB19510.14的独立式要求。
- Indoor use only, Do not stare at the product when the lights is on.
仅限室内使用，灯具在使用时请不要直视光源。
- The light source of this product is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
灯具的光源不可单独替代，当光源寿终时，整个灯具需要被替换掉。
- Please take static proof measures when installing and maintaining the product.
安装和维护灯具时，请做好防静电措施。
- In case of operation failure, please switch off the power and contact your nearest dealer.
如发现异常或操作有任何问题，请务必先切断电源，然后与经销商联系。

Maintenance 保养方法：

- In order to ensure optimum performance, please clean the product regularly(recommended once a year). When cleaning the product, please use soft dry cotton cloth only.
为了保持灯带明亮效果，请定期（一年一次）时行清洁。灯带不洁处需擦拭时请用柔软干燥的布料擦拭。



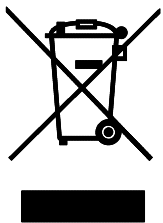
- Don't use chemical solvents to clean the product.

请不要用香蕉水等挥发性物质擦拭灯带表面，请不要对灯具喷洒任何化学药剂，否则灯具可能会变色或损坏。

Attention 注意：

- Please switch off the power supply before mounting and maintaining this product.
安装和维护灯带时，请务必先关闭电源！
- The lighting strip shall be installed by a qualified electrician and wired in accordance with the latest IEE regulations or the national requirements.
灯带应由有资格的电工安装，接线符合IEE电气标准或国家标准。
- The product shall not be covered with thermal insulation or similar material under any circumstances.
灯带不允许被隔热或类似材料覆盖。
- The product should not be used in directly exposed environment containing hazardous substances to silicone rubber. Consult your local dealer for use in any special applications.
灯带不得用于直接暴露在硅胶有害的环境中。如用于特定场合请咨询当地经销商。
- The corrosive atmosphere or hazardous materials such as sulfur, chlorine, phthalate, etc must be avoided during the use and storage.
灯具避免在腐蚀性环境或者含有有害物质，例如硫化物，卤化物，邻苯二甲酸酯等环境中存储和使用。
- The external flexible cable or cord of this product cannot be replaced; if the cord is damaged, the product shall be destroyed.
不能替换此灯具的外部柔性电线或电缆，如果电缆损坏，整个灯具需要处理掉。
- Do not turn the lamp belt on.
请勿将灯带盘起点亮。

Harmful Substance Form/有害物质清单



This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

产品中有害物质的名称及含量						
部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr ⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
LED灯板/光源	○	○	○	○	○	○
驱动器（板），铜制及电子零部件	×	○	○	○	○	○
透镜光学部件	○	○	○	○	○	○
外壳及其它零部件	○	○	○	○	○	○
本表格依据SJ/T 11364的规定编制						
○：表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572规定的限量要求以下。						
×：表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572规定的限量要求。						

Applicable to China Only

Qualification/合格证

合格证