

FlexCove G6/ LED柔性灯带

Mounting instruction/ 安装说明

ta25℃

GB43472

GB/T7000.201

Type 型号	Lm/M (Typical) 流明/米	Power/M 功率/米	Power/SM 功率/5米	Ra 显指	Input Voltage 输入电压	CCT 色温
LS168S LED12 827 IP20 L5000 LA	1100	11.5	46	80	24VDC	2700
LS168S LED12 840 IP20 L5000 LA	1200	11.5	46	80	24VDC	4000
LS168S LED12 865 IP20 L5000 LA	1200	11.5	46	80	24VDC	6500
LS168S LED16 827 IP20 L5000 LA	1470	15.5	60	80	24VDC	2700
LS168S LED16 840 IP20 L5000 LA	1600	15.5	60	80	24VDC	4000
LS168S LED16 865 IP20 L5000 LA	1600	15.5	60	80	24VDC	6500
LS168S LED12 827 IP20 L5000	1100	11.5	46	80	24VDC	2700
LS168S LED12 840 IP20 L5000	1200	11.5	46	80	24VDC	4000
LS168S LED12 865 IP20 L5000	1200	11.5	46	80	24VDC	6500
LS168S LED16 827 IP20 L5000	1470	15.5	60	80	24VDC	2700
LS168S LED16 840 IP20 L5000	1600	15.5	60	80	24VDC	4000
LS168S LED16 865 IP20 L5000	1600	15.5	60	80	24VDC	6500
LS168S LED12 827 IP20 L5000 ID	1100	11.5	46	80	24VDC	2700
LS168S LED12 840 IP20 L5000 ID	1100	11.5	46	80	24VDC	4000
LS168S LED12 865 IP20 L5000 ID	1100	11.5	46	80	24VDC	6500
LS168S LED16 827 IP20 L5000 ID	1380	15.5	60	80	24VDC	2700
LS168S LED16 840 IP20 L5000 ID	1500	15.5	60	80	24VDC	4000
LS168S LED16 865 IP20 L5000 ID	1500	15.5	60	80	24VDC	6500
LS170S LED12 827 IP20 L5000 PRO G2	1140	8.7	40	80	24VDC	2700
LS170S LED12 830 IP20 L5000 PRO G2	1200	8.7	40	80	24VDC	3000
LS170S LED12 840 IP20 L5000 PRO G2	1260	8.7	40	80	24VDC	4000
LS170S LED24 827 IP20 L5000 PRO G2	2280	17.8	76	80	24VDC	2700
LS170S LED24 830 IP20 L5000 PRO G2	2400	17.8	76	80	24VDC	3000
LS170S LED24 840 IP20 L5000 PRO G2	2520	17.8	76	80	24VDC	4000
LS170S LED30 827 IP20 L5000 PRO G2	2850	23.1	94	80	24VDC	2700
LS170S LED30 830 IP20 L5000 PRO G2	3000	23.1	94	80	24VDC	3000
LS170S LED30 840 IP20 L5000 PRO G2	3150	23.1	94	80	24VDC	4000
LS170S LED4 S 927 IP20 L5000 PRO G2	380	3.3	15.5	90	24VDC	2700
LS170S LED4 S 930 IP20 L5000 PRO G2	400	3.3	15.5	90	24VDC	3000
LS170S LED4 S 940 IP20 L5000 PRO G2	420	3.3	15.5	90	24VDC	4000
LS170S LED4 S 965 IP20 L5000 PRO G2	420	3.3	15.5	90	24VDC	6500
LS170S LED8 S 927 IP20 L5000 PRO G2	760	7	30	90	24VDC	2700
LS170S LED8 S 930 IP20 L5000 PRO G2	800	7	30	90	24VDC	3000
LS170S LED8 S 940 IP20 L5000 PRO G2	840	7	30	90	24VDC	4000
LS170S LED8 S 965 IP20 L5000 PRO G2	840	7	30	90	24VDC	6500
LS170S LED12 927 IP20 L5000 PRO G2	1140	11	45	90	24VDC	2700
LS170S LED12 930 IP20 L5000 PRO G2	1200	11	45	90	24VDC	3000
LS170S LED12 940 IP20 L5000 PRO G2	1260	11	45	90	24VDC	4000
LS170S LED12 965 IP20 L5000 PRO G2	1260	11	45	90	24VDC	6500
LS170S LED16 927 IP20 L5000 PRO G2	1520	15.2	58	90	24VDC	2700
LS170S LED16 930 IP20 L5000 PRO G2	1600	15.2	58	90	24VDC	3000
LS170S LED16 940 IP20 L5000 PRO G2	1680	15.2	58	90	24VDC	4000
LS170S LED16 965 IP20 L5000 PRO G2	1680	15.2	58	90	24VDC	6500
LS170S LED24 927 IP20 L5000 PRO G2	2280	22.9	93	90	24VDC	2700
LS170S LED24 930 IP20 L5000 PRO G2	2400	22.9	93	90	24VDC	3000
LS170S LED24 940 IP20 L5000 PRO G2	2520	22.9	93	90	24VDC	4000
LS170S LED24 965 IP20 L5000 PRO G2	2520	22.9	93	90	24VDC	6500
LS170S LED30 927 IP20 L5000 PRO G2	2850	28.6	105	90	24VDC	2700
LS170S LED30 930 IP20 L5000 PRO G2	3000	28.6	105	90	24VDC	3000
LS170S LED30 940 IP20 L5000 PRO G2	3150	28.6	105	90	24VDC	4000
LS170S LED30 965 IP20 L5000 PRO G2	3150	28.6	105	90	24VDC	6500

Optional Accessories可选配件:

1. AC170Z connector IP20
12NC:9114 015 95246
The appearance is shown in Figure D
外观如D所示
Note:Applies for all IP20 types
适用于所有IP20型号

2. AC170Z I-type connector IP20 PRO
12NC:9114 015 95446
The appearance is shown in Figure E
外观如E所示
Note:Applies for all IP20 types
适用于所有IP20型号

3. AC170Z T-type connector IP20 PRO
12NC:9114 015 95446
The appearance is shown in Figure F
外观如F所示
Note:Applies for all IP20 types
适用于所有IP20型号

4. AC170Z mounting clip IP20 PRO
12NC:9114 015 95846
The appearance is shown in Figure G
外观如G所示
Note:Applies for all IP20 types
适用于所有IP20型号

The power of the light strip connected to the accessories should not exceed 120W.
配件所接灯带功率不可超过120W

Recommended power supply model 推荐电源型号				
Dimming	12NC	Description	Power range	Current range
PSU	9290 034 63302	Xi LED Transformer 30W 24VDC G2	1.5...30W	0.375...1.25A
	9290 034 63402	Xi LED Transformer 60W 24VDC G2	3...60W	0.75...2.5A
	9290 038 76402	Xi LED Transformer 150W 24VDC G2	7.5...150W	2.5...6.25A
Economic PSU	9290 038 81601	Economic LED Transformer 60W 24VDC G3	3...60W	0.125...2.5A
	9290 038 81701	Economic LED Transformer 120W 24VDC G3	6...120W	0.25...5A
	9290 038 81901	Economic LED Transformer 250W 24VDC G3	12.5...250W	0.521...10.42A
PSD	9290 039 19680	Xi LED Transformer 30W TD 24VDC G2	12...30W	0.5...1.25A
	9290 039 19780	Xi LED Transformer 60W TD 24VDC G2	24...60W	1...2.5A
	9290 039 19980	Xi LED Transformer 200W TD 24VDC G2	60...200W	2.5...8.333A
1-10V	9290 028 25906	Xi LED Transformer 60W 1-10V 24VDC	3...60W	1.25...2.5A
	9290 028 26006	Xi LED Transformer 100W 1-10V 24VDC	5...100W	2.08...4.16A
	9290 028 26106	Xi LED Transformer 150W 1-10V 24VDC	7.5...130W	3.125...5.41A
120-277V	9290 021 05680	LED Transformer 40W 24VDC 120-277V	40W	0.5...1.67A
	9290 021 05880	LED Transformer 100W 24VDC 120-277V	96W	2.5...4A

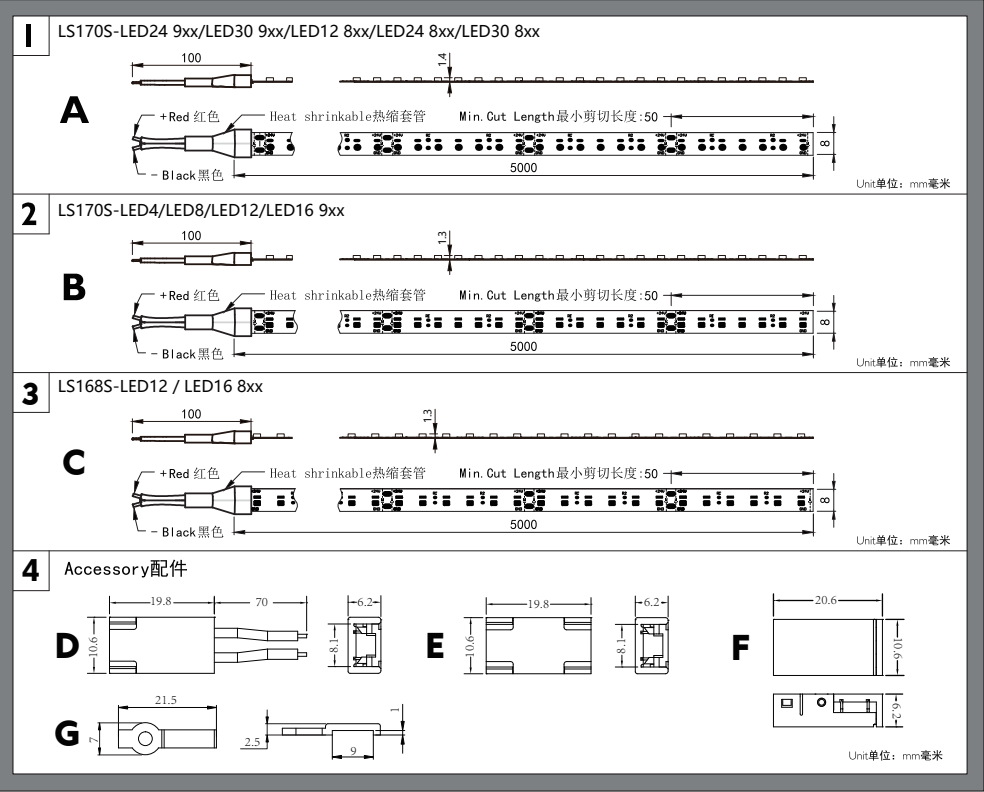
Signify Luminares (Shanghai) Co., Ltd.
Address: 2F, Building 1, No. 2555 Hechuan Road, Minhang District, Shanghai
Postalcode: 200233

昕诺飞灯具（上海）有限公司
地址：上海市闵行区合川路2555号1幢二楼
邮编：200233

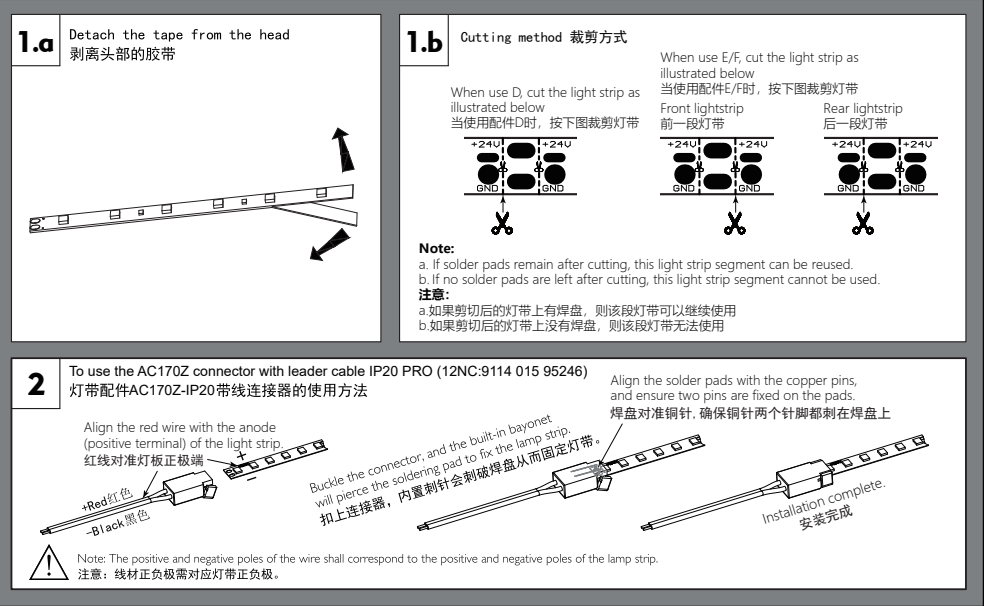


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Product appearance 产品外观



Usage of accessories 配件使用方法



3

To use the AC170Z I-type connector IP20 PRO(12NC:9114 015 95446)

灯带配件AC170Z-IP20连接器的使用方法

The same pin must align with the same polarity on both light strips.

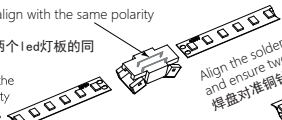
同一个针脚对准灯两个led灯板的同一种极性

Insert the lamp strip into the slot according to its polarity

将灯带按极性插入槽内。

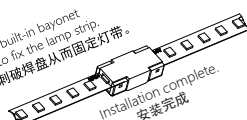


Note: The positive and negative poles of two butt lamp strips shall be the same.
注意：两条对接的灯带正负极需相同。



Align the solder pads with the copper pins, and ensure two pins are fixed on the pads.
焊盘对准铜针，确保铜针两个针脚都刺在焊盘上

Buckle the connector, and the built-in bayonet will pierce the soldering pad to fix the lamp strip.
扣上连接器，内置刺针会刺破焊盘从而固定灯带。



4

To use the AC170Z T-type connector IP20 PRO(12NC:9114 015 95546)

灯带配件AC170Z-IP20 连接器的使用方法

The same pin must align with the same polarity on both light strips.

同一个针脚对准灯两个led灯板的同一种极性



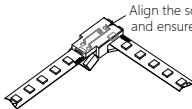
The same pin must align with the same polarity on both light strips.

同一个针脚对准灯两个led灯板的同一种极性

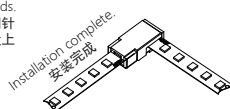
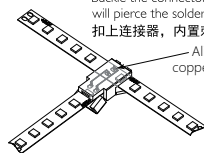


Insert the lamp strips into the grooves, ensuring the polarities are correct.
两条灯带对好极性插入卡槽内

Align the solder pads with the copper pins, and ensure two pins are fixed on the pads.
焊盘对准铜针，确保铜针两个针脚都刺在焊盘上

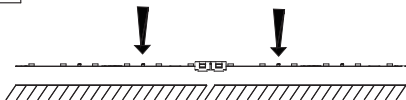


Buckle the connector, and the built-in bayonet will pierce the soldering pad to fix the lamp strip.
扣上连接器，内置刺针会刺破焊盘从而固定灯带。



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Detach the entire tape and paste
剥离掉所有的胶带并粘贴



6

To use the AC170Z mounting clip IP20 PRO (12NC:9114 015 95846)

LED柔性灯带配件AC170Z-IP20 安装卡扣的使用方法

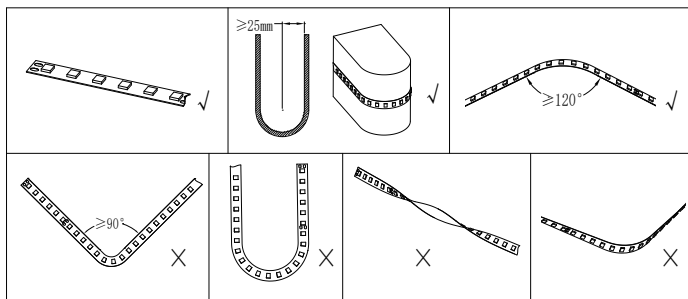


7

Installation angle
安装角度

注意：LED用于安装暗槽时，特别注意安装位置，需要保证灯带平整，在同一暗槽处需要离暗槽边缘距离相同，角度一致才能达到最佳效果，如灯带扭曲或方向不同会影响发光效果，造成亮度不均匀，严重的会影响色温。

Note: When installing light strips in the aluminium grooves, pay attention to the mounting position. To ensure the strip is perfectly flat, it must maintain a consistent distance from the edge and a uniform angle throughout the same groove to achieve optimal results. Twisting or misalignment will compromise the lighting effect, causing uneven brightness and, in severe cases, affecting the CCT.



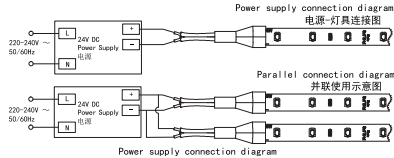
8

This product is only used for indirect lighting. To achieve optimized lighting effect, the distance between the product and the visible illuminated surface should be greater than 100mm.

本产品仅供间接照明使用，为获得最佳混光效果，灯带距可见被照射面距离应大于100CM



9



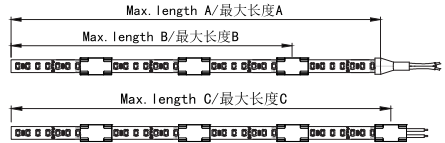
型号/TYPE	Max product lengths the 60W power supply supports 60W电源可支持灯带长度	Max product lengths the 120W power supply supports 120W电源可支持灯带长度	Max product lengths the 150W power supply supports 150W电源可支持灯带长度
LS1685 LED12	5M(米)	8M(米)	12M(米)
LS1685 LED16	3M(米)	6M(米)	9M(米)
LS1705 LED4 9xw	18M(米)	30M(米)	45M(米)
LS1705 LED8 9xw	8M(米)	14M(米)	21M(米)
LS1705 LED12 9xw	5M(米)	9M(米)	13M(米)
LS1705 LED16 9xw	4M(米)	6M(米)	10M(米)
LS1705 LED24 9xw	2M(米)	4M(米)	6M(米)
LS1705 LED30 9xw	2M(米)	3M(米)	5M(米)
LS1705 LED12 Box	6M(米)	11M(米)	17M(米)
LS1705 LED24 Box	3M(米)	5M(米)	8M(米)
LS1705 LED30 Box	2M(米)	4M(米)	6M(米)

Note: The power supply and other connection cables need to be purchased by the customers separately. The diameter of the cable must be $\geq 0.75\text{mm}^2$.

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^2 。

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Max connection length/灯带连接长度控制



型号/TYPE	最大长度A/Max length A	最大长度B/Max length B	最大长度C/Max length C
LS1685 LED12	5M(米)	5M(米)	5M(米)
LS1685 LED16	5M(米)	5M(米)	5M(米)
LS1705 LED4 9xw	10M(米)	10M(米)	10M(米)
LS1705 LED8 9xw	5M(米)	5M(米)	5M(米)
LS1705 LED12 9xw	5M(米)	5M(米)	5M(米)
LS1705 LED16 9xw	5M(米)	5M(米)	5M(米)
LS1705 LED24 9xw	5M(米)	5M(米)	5M(米)
LS1705 LED30 9xw	5M(米)	5M(米)	5M(米)
LS1705 LED12 Box	5M(米)	5M(米)	5M(米)
LS1705 LED24 Box	5M(米)	5M(米)	5M(米)
LS1705 LED30 Box	5M(米)	5M(米)	5M(米)

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/CB19510.14.
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/CB19510.14的独立式要求。
- This product must use Philips connectors.
此产品必须使用飞利浦连接器。
- 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 near -test 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）例行清洁。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.
请不要用香薰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，氯化物，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。

有害物质清单/Harmful Substance Form



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.

部件名称	产品中有害物质的名称及含有信息表									
	有害物质									
	Pb	Hg	Cd	Cr(VI)	PBBs	PBDEs	DBP	DiBP	BBP	DEHP
驱动器 / 电子部件	X	O	O	O	O	O	O	O	O	O
接插件/ 插头	X	O	O	O	O	O	O	O	O	O

注1: O: 表示该有害物质在该部件所有均质材料中的含量均不超出电器电子产品有害物质限制使用国家标准要求。

X: 表示该有害物质至少在该部件的某一均质材料中含量超出电器电子产品有害物质限制使用国家标准要求。

注2: 以上未列出的部件，表明其有害物质含量均不超出电器电子产品有害物质限制使用国家标准要求。