

# FlexCove G6/ LED柔性灯条

Mounting instruction/ 安装说明



Type 型号	LM/M(Typical) 流明/米	Power/M 功率/米	Power/5M 功率/5米	Ra 显指	Input Voltage 输入电压	CCT 色温
LS165S COB 6W CRI90 3000K IP20 5M	420LM/M	6W/M	29W	90	24VDC	3000K
LS165S COB 6W CRI90 4000K IP20 5M	460LM/M	6W/M	29W	90	24VDC	4000K
LS165S COB 6W CRI90 6500K IP20 5M	460LM/M	6W/M	29W	90	24VDC	6500K
LS165S COB 10W CRI90 3000K IP20 5M	700LM/M	10W/M	46.5W	90	24VDC	3000K
LS165S COB 10W CRI90 4000K IP20 5M	800LM/M	10W/M	46.5W	90	24VDC	4000K
LS165S COB 10W CRI90 6500K IP20 5M	800LM/M	10W/M	46.5W	90	24VDC	6500K
LS165S COB 14W CRI90 3000K IP20 5M	1250LM/M	14W/M	53.5W	90	24VDC	3000K
LS165S COB 14W CRI90 4000K IP20 5M	1350LM/M	14W/M	53.5W	90	24VDC	4000K
LS165S COB 14W CRI90 6500K IP20 5M	1350LM/M	14W/M	53.5W	90	24VDC	6500K

## Optional Accessories 可选配件:

1.AC170Z I-type connector IP20 PRO  
12NC: 911401595446  
The appearance is shown in Figure C / 外观如C所示  
Note:Applies for all IP20 types / 适用于所有IP20型号



2.AC170Z connector with leader cable IP20 PRO  
12NC: 911401595246  
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



3.AC170Z mounting clip IP20 LED20  
12NC:9114 015 52742  
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

## Recommended power supply model 推荐电源型号



Power Supply Type 电源型号	12NC	Description 产品描述	Recommended Power range 电源可支持灯带功率范围
PSU	929003881601	Economic LED Transformer 60W 24VDC G3	3...60W
	929003881701	Economic LED Transformer 120W 24VDC G3	6...120W
	929003881901	Economic LED Transformer 250W 24VDC G3	12.5...250W

Note:

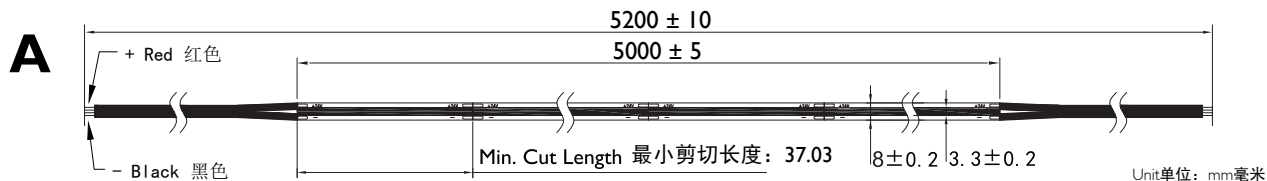
- The wattage is typical value basos on 1 m length. It also depends on the selected driver efficiency and overall loading length.
- The lumen is based on 930. It varies with different CCT options.
- Due to the electrical properties of low voltage DC driven LED strips, the wattage and lumens value of LED strips per roll (5m) is not equal of 5 times of value per meter.
- The light source of this luminaire is not replaceable: when the light source reaches its end of life the whole luminaire shall be replaced.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard

注意:

- 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。
- 流明值称基于930。不同色温的光通量数值有所不同。
- 由于低电压直流驱动LED灯带的电学特性，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。
- 本灯具光源不可更换。光源使用寿命结束时，应整体更换灯具。
- 本灯具外部软线破损后，仅限制造商、其售后代理或专业资质人员更换，避免产生安全隐患。

## Product appearance 产品外观

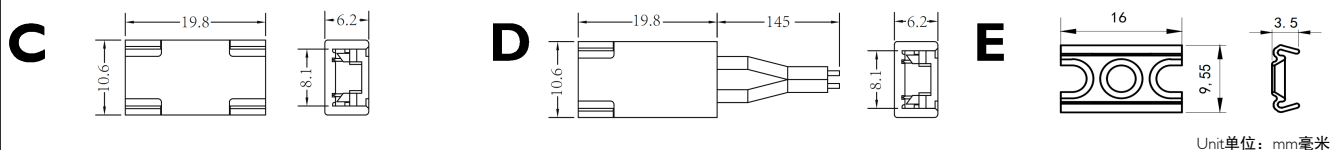
### 1 LED4/LED7



### 2 LED12



### 3 Accessory 配件



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Postalcode: 200233

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# Usage of accessories 配件使用方法

### 1 Detach the tape 剥离胶带

**Note:**  
 1. Lift the release paper on the back of the light strip, paste it to the installation surface, and the gently press the edge of the strip to stick straight.  
 2. Before attaching the strip, ensure that the installation surface is clean and tidy, and the luminous surface of the strip is not obstructed.

**注意:**  
 1. 将灯带背面离型纸分多次揭开, 粘贴到安装表面, 然后轻轻按压灯带板边贴直。  
 2. 粘贴灯带前请确保安装表面干净整洁, 灯带发光面无遮挡。

### 2.a To use the AC170Z I-type connector IP20 PRO (I2NC:9114 015 95446) 灯带配件AC170Z-PRO连接器的使用方法

a. Insert the light strip into the groove in the correct direction. 将灯带以正确的方向插入槽内。  
 b. 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。

**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。

### 2.b To use the AC170Z connector with leader cable IP20 PRO (I2NC:9114 015 95246) 灯带配件AC170Z-PRO带线连接器的使用方法

c. 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。

a. The wire does not need to be peeled and inserted into the groove. 线材不需要剥皮然后插入槽内。  
 b. 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 the wire shall correspond to the positive and negative poles of the lamp strip. 注意: 线材正负极需对应灯带正负极。

### 3 To use the AC170Z mounting clip PRO (I2NC:9114 015 52742) LED柔性灯带配件AC170Z-PRO安装卡扣的使用方法

Fix the clip PRO with screws, and then clip the lamp belt into the clip PRO 用螺丝将底座固定, 再将灯带卡进底座中

ST2.9X10 (To be provided by end user customer 需客户自备)

### 4 Installation angle 安装角度

Correct installation angles:  $\geq 25^\circ$  and  $\geq 120^\circ$ .  
 Incorrect installation angles:  $90^\circ$  and  $180^\circ$ .

### 5 Max connection length 灯带连接长度控制

Type 型号	Max length A 最大长度A	Max length B 最大长度B
LS165S LED4	10M	10M
LS165S LED7	10M	10M
LS165S LED12	5M	5M

### 6 Power supply connection diagram 电源-灯具连接图

### Parallel connection diagram 并联使用示意图

**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 $0.75\text{mm}^2$ 。

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 120W power supply supports 120W电源可支持灯带长度	Max product lengths the 200W power supply supports 260W电源可支持灯带长度
LS165S LED4	10M	20M	41M
LS165S LED7	6M	12M	26M
LS165S LED12	5M	10M	18M

Please read this manual carefully before using the product 使用前本产品前, 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, 生产商不负担任何责任。
- 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。
- 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 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对硅胶有害的环境中。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。

### 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。