

## Strip Explosion-proof LED Light FFLED Series



### Features

- The width of the lamp body is 58mm;
- Use good quality Aluminum with excellent seismic resistance, anti-corrosion and good heat dissipation characteristic;
- Water proof class IP67, anti-oil, anti-corrosion and anti-blast;
- Uniform distribution of light, color rendering index>80, good lighting effects;
- Easy installation and low maintainance rate;
- The imported LED chips of light source has good performance of low power consumption,high efficiency and long life time;
- High quality of DC LED driver with the good parameters of low power consumption ,protect circuit function and long life time;
- Qualified aluminum with good dissipation,transparent and tempered glass;
- Good quality of waterproof connector,aluminum PCB,silicone rubber sealing ring and reflector/lens;
- Rated working temperature:-25°C~+55°C.

### warning

- Non-electrical engineer is not allowed to disassemble the product!
- Be sure the power is disconnected before replacement or repair, including the replacement of the fuse.
- Be sure to put a fuse in the wiring circuit between the power source and equipment for protection. If a fuse is not added, it may result in product and/or equipment failure.

### | Application Places

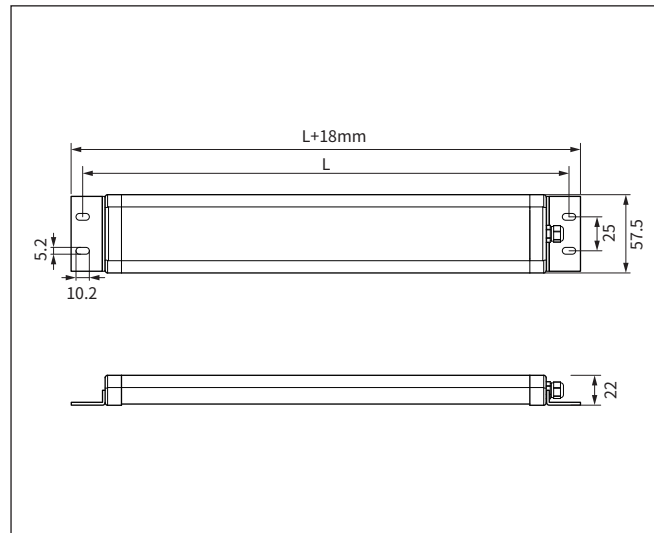
Suitable for all kinds of small automation equipment, packaging cleaning equipment, small processing machine tools, medium CNC machine tools, processing center, plastic packaging machinery, printing machinery, laboratory, precision testing equipment, small mechanical arm, as well as conveyor belt, heavy machinery and other places that need to do lighting.

### order eg.

series	power	input voltage and color of light
FFLED	- 1 2 4	- 1
	08=8W 12=12W 24=24W	1= 24V DC 6000K~6500K 2= 24V DC 4000K~4500K

Note:The standard length of the wire is 1500mm. If the customer need other length when ordering, please contact our sales staff.

### Dimensions



### Color temperature reference

Item	Color Temperature	End Description
White Light	6000K~6500K	1
Warm White Light	4000K~4500K	2

### Specifications

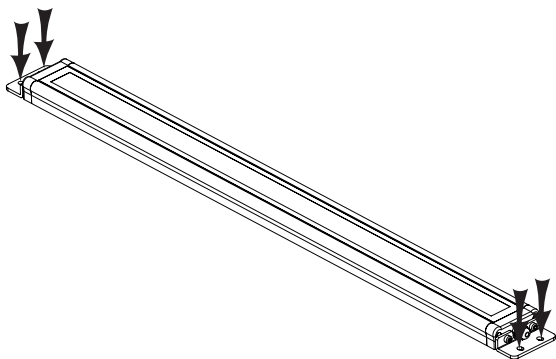
Appearance			
			
Width of Body	58mm	Housing	Aluminum alloy
Life-span	50000H	Glass Material	Transparent,tempered
Light Color	White/ Warm White	Light Source	1 color of LEDs
Working Status	Steady	Driver	no-drive
Nominal Voltage	DC 24V	Dimmable	No
Protection Degree	IP67	Length of wire	1500mm (Standard configuration)
Rated Current	Depends on different power		
Color Temperature	6000K~6500K@white light/4000K~4500K@warm white light		
Net Weight Kg	Depends on different power		

※ Customized products are welcome, please contact our staff.

Model	Power	L(mm)	End code:		
FFLED-108-□	8W	271	1	24V DC	6000K~6500K
FFLED-112-□	12W	371			4000K~4500K
FFLED-124-□	18W	671	2	24V DC	4000K~4500K

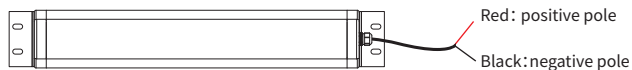
Luminous Flux >100 lm/W

## Installation diagram



## Control Circuit Diagram

24V DC



## Precautions for use

- A serious increase in the use voltage compared to the rated voltage will shorten the service life or the problem of poor working. Please pay attention to the use voltage control within  $\pm 5\%$ .
- When the lampshade or the body is exposed to chemicals such as banana water, the surface of the product may be deformed or discolored. Pay special attention.
- Do not apply strong impact to the product, which may cause damage to parts.
- The power cord that is exposed outside the product cannot be forcibly drawn, which may cause product failure.

## Troubleshooting

Phenomenon	Main reason	Approach
Can not work	Incorrect wiring	Reconfirm the wiring
The LED part cannot emit light	LED damage	Replace LED
Long blurry	Use a voltage lower than the rated voltage	Confirm the use voltage

## Usage and maintenance consultation

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