

## White LED Strip directly in 110V or 230V

**No more drivers!** Many of you have dreamed of a high quality strip (up to 100M/328ft !) that can be plugged directly in the wall outlet. We did it, and the result makes it a unique product on the market. The light is of high quality, far from the « fairy lights » -like products that can be found sometimes.



**SMARTLIGHT SHV** is very simple to install !

■ **2300K** SHV711 (230V) / SHV712 (110V)  
Very warm color perfect for coves.

■ **2700K** SHV715 (230V) / SHV716 (110V)  
Warm color for general use.

■ **3000K** SHV721 (230V) / SHV722 (110V)  
Warm color for general use.

■ **4000K** SHV731 (230V) / SHV732 (110V)  
Neutral color well-suited for offices and industry.

### Applications

- Cove lighting: you can use one strip all around the room!
- Veranda lighting and decoration
- Integration in luminaires
- Shelves lighting for retail
- Perfect for illuminated signs
- General lighting: warehouses, hallways, pathways, architectural...

Differential circuit breaker needed in damp rooms and outdoors for safety

Do not immerse the strip !

### SPECIFICATIONS

Supply voltage: 230 Volts AC; works from 200 to 260V AC/DC or 110V AC; works from 90 to 130V AC/DC  
Consumption: 12W/M (3,6W/ft)  
Length : Up to 100M (328ft) in one length!  
Dimensions :  
Width 16mm (0,63in) ; Thickness 8mm (0,32in)  
Can be cut every 20cm (7,87in)  
Dimmable works with most Triac dimmers (cutting phase)  
Flux angle: about 130°  
Light output:  
2300°K : 1000lm/M  
2700K : 1100lm/M  
3000K : 1200lm/M  
4000K : 1300lm/M  
IRC>82  
Temperature and current regulators on the strip: very reliable!  
70 Leds 2835 very high efficiency per meter (21 Leds / ft)  
Lifespan for at least 70% of the initial brightness : 25 000 H (indicative value given by the chip manufacturer).  
Ingress Protection: standard version IP61 ; water-proof version IP66  
Operating temperature: -25°C to +50°C ; -13°F to +122°F  
UL and CE certified.

## How to determine your order ?

### 1/ Choosing the color temperature :

2300K  
very warm color perfect for coves  
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neutral color well-suited for offices and industry  
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### 2/ Choosing the configuration and lengths

Our strip is equipped with at least one supply connector and one end-cap. It is also possible to connect several strips together, for example in corners.

#### Simple configuration of one strip

Determine the strip's length between 20cm (7,87in) and 100M (328ft).

Choose a connection between 15cm (5,91in) of standard cable with a plug or 2M (6,56ft) waterproof cable without connector.

Waterproof end-caps on the other end.

### Configuration of several strips

Choose a connection between 15cm (5,91in) of standard cable with a plug or 2M (6,56ft) waterproof cable without connector, for the first strip.

Determine the first strip's length between 20cm (7,87in) and 100M (328ft).

Use a standard or waterproof interconnection  
Determine the second strip's length between 20cm (7,87in) and 100M (328ft).

Use a standard or waterproof interconnection  
Repeat these steps as many times as needed  
Waterproof end-cap on the other end of the strip.

WARNING : The total length of interconnected strips cannot exceed 100M (328ft).

### 3/ Mounting jumper

Depending on installation, use a jumper every 20 to 50cm (7,87in to 19,68in).

### 4/ Dimmers (optional)

Push-button + RF remote control: INT513 (400W) up to 32M (105ft) of strip.

Many remote controls available: TEL313, TEL316, TEL316, PRF115, PRF315, PRF316.

0-1/10V control : INT115 (2200W) up to 180M (590ft) of strip.

## Example

### 1st Strip

	SHV711 or SHV712 2300K	SHV715 or SHV716 2700K	SHV721 or SHV722 3000K	SHV731 or SHV732 4000K	SHV701 (EU) SHV702 (US) Standard cable with plug	SHV702 Waterproof 2M cable	SHV705 Mounting jumpers
Length from 20 to 10 000cm with a 20cm step			360		X		18

### 2nd Strip connected to the first (if necessary)

	SHV711 or SHV712 2300K	SHV715 or SHV716 2700K	SHV721 or SHV722 3000K	SHV731 or SHV732 4000K	SHV703 Standard inter- connection cable	SHV702 Waterproof 2M cable	SHV705 Mounting jumpers
Length from 20 to 10 000cm with a 20cm step			240		X		12

### 3rd Strip connected to the second (if necessary)

	SHV711 or SHV712 2300K	SHV715 or SHV716 2700K	SHV721 or SHV722 3000K	SHV731 or SHV732 4000K	SHV703 Standard inter- connection cable	SHV702 Waterproof 2M cable	SHV705 Mounting jumpers
Length from 20 to 10 000cm with a 20cm step			360		X		18

### 4th Strip connected to the third (if necessary)

	SHV711 or SHV712 2300K	SHV715 or SHV716 2700K	SHV721 or SHV722 3000K	SHV731 or SHV732 4000K	SHV703 Standard inter- connection cable	SHV702 Waterproof 2M cable	SHV705 Mounting jumpers
Length from 20 to 10 000cm with a 20cm step			240		X		12