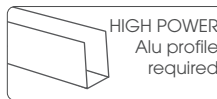


## Ultraviolet Professional series led strips

FU-BLF-5060-UV-ESP\* (W)X

Ultraviolet dimmable led strip with SMD5050 60 LEDs per meter



### Features

Available in 24 VDC.

Very bright and low power consumption, professional grade led strip.

LED type SMD5050 (3 in 1 chip) LED Qty: 60 LED/meter

Operating temperature: -20~50°C.

Long life span LED: expected lifetime 50,000hours.

Can be used with controllers, dimmers and multiple amplifiers.

Waterproof IP67 or IP20 version available.

\* LM80 CERTIFIED:  
LED LIFESPAN tested under LM80;

## FU-BLF-5060-UV-ESP\*(W)X

Professional series ultraviolet  
fluorescence and curing



60  
Lcd/m

12  
W/m

24V

7  
years  
lifetime UVB

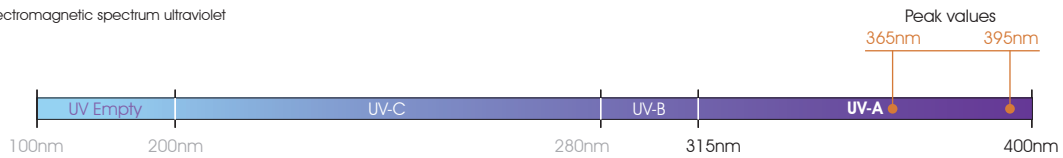
≤90  
lm/m

UV-A  
↑↑

390  
nm

LED SMD  
  
5050

Electromagnetic spectrum ultraviolet



CAUTION  
  
UV  
avoid eye and skin exposure

VHB  
3M

driver  
NOT  
included

120°

5m

16,66mm

10cm

30.000 h

+50°C  
-20°C

Do not bend

ESD

Dimmable

Alu profile  
required

Working  
50°C  
-20°C

Storage  
60°C  
-40°C

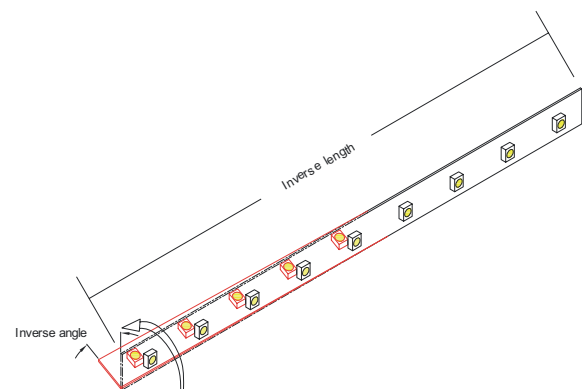
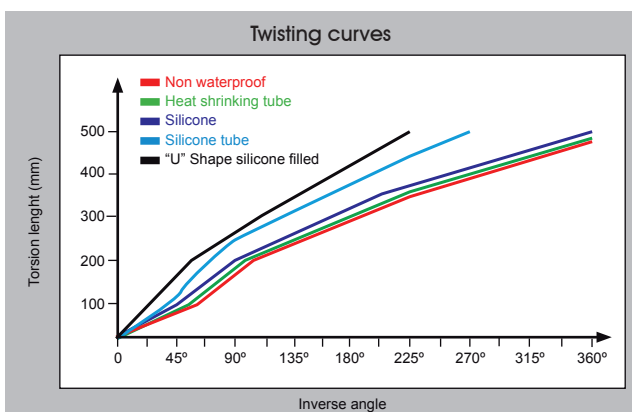
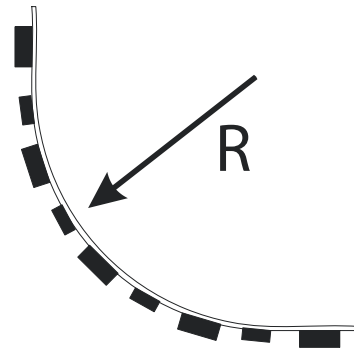
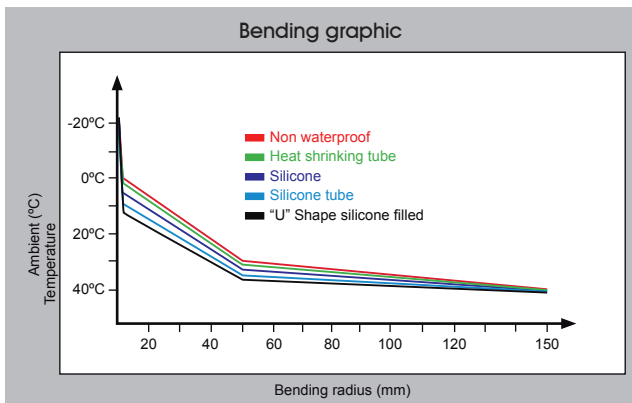
### Features

Part number	CCT / wavelength	Luminous intensity per m / flux	Efficiency lm / W	Ordinary strip	Strip with waterproof part number "W" suffix
FU-BLF-5060-UV-ESP(W)X	±390~395nm	±90lm	±7,5	<div>IP20</div> <div></div> <div>5000mm 1,25mm 12mm</div>	<div>IP67</div> <div></div> <div>5000mm 4mm 14mm</div> <div>No wavelength deviation.</div>

## Specific parameters

Reference	Waterproof materials	Size (mm)	Connections	Fixing mode	IP rate
FU-BLF-5060-UV-ESPX	Non waterproof	10 x 1.25	Silicon wire black and red	Adhesive 3M VHB	IP 20
FU-BLF-5060-UV-ESPWX	Silicone extruded tube	12 x 4	5.5mm DC rate	Adhesive 3M VHB	IP 67

## Bending grades



Reference point: strip bending at 0°C.

## ■ NON-WATERPROOF MODEL

### Features

- IP20 easier assembling 3M VHB.
- Small in size, light in weight, flexible.

### Optional accesories

ACC10-JOIN-600

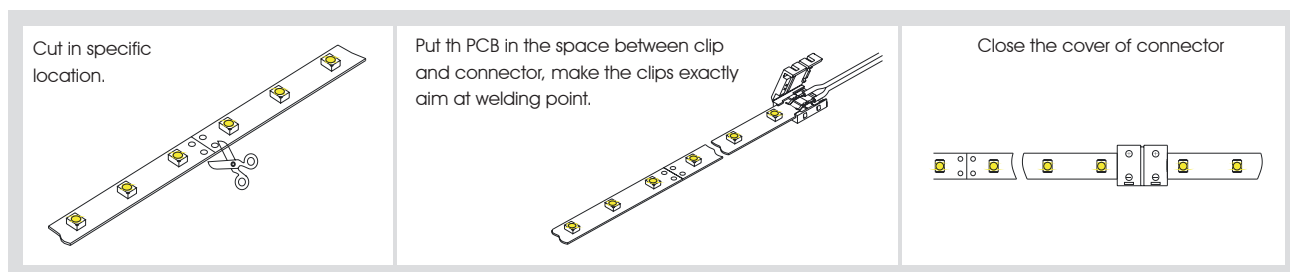


ACC10-CABLE-600



More optional accessories available (see catalog "LED decoration lighting")

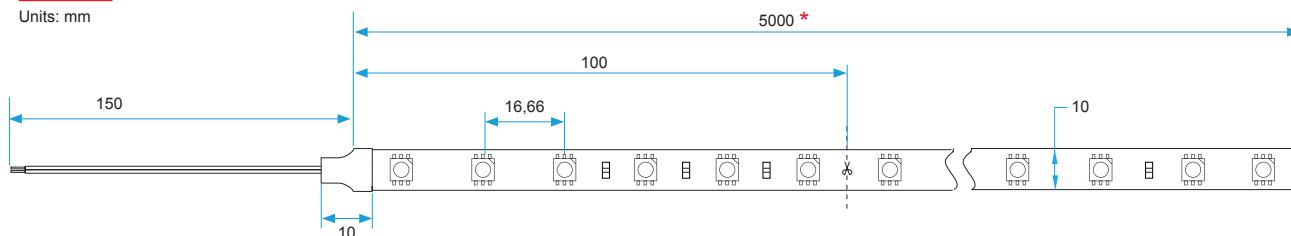
### Operation specification



### Product size

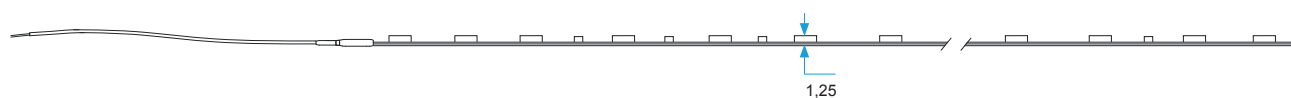
#### Front view

Units: mm



#### Side view

Units: mm



## ■ WATERPROOF MODEL

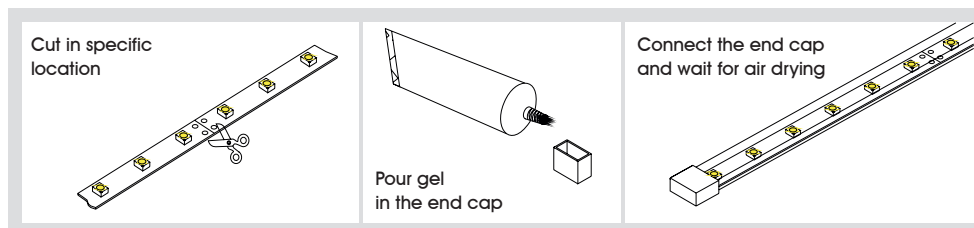
### Features

- IP67 tightness with silicone coating.
- Resistance to high temperatures, high flexibility, anti UV, high optical transmittance ( $\geq 92\%$ ), non-toxic.

### Optional accesories



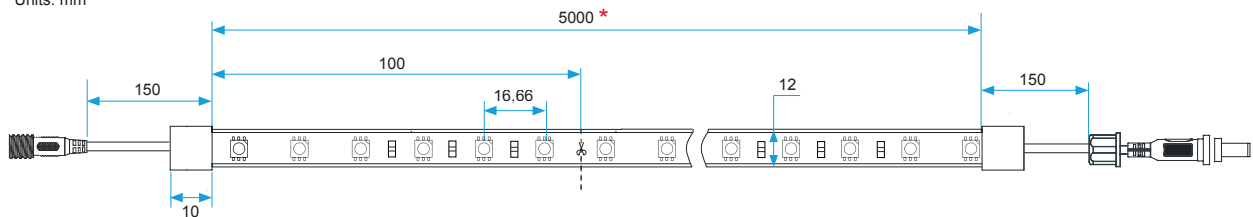
### Handling



### Product size

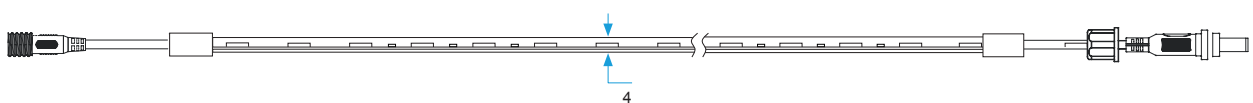
#### Front view

Units: mm



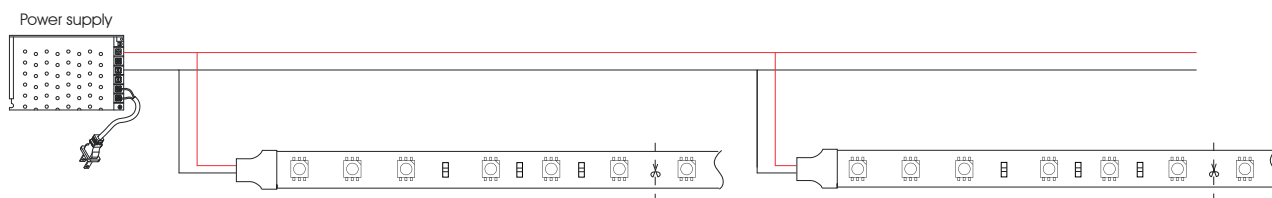
#### Side view

Units: mm

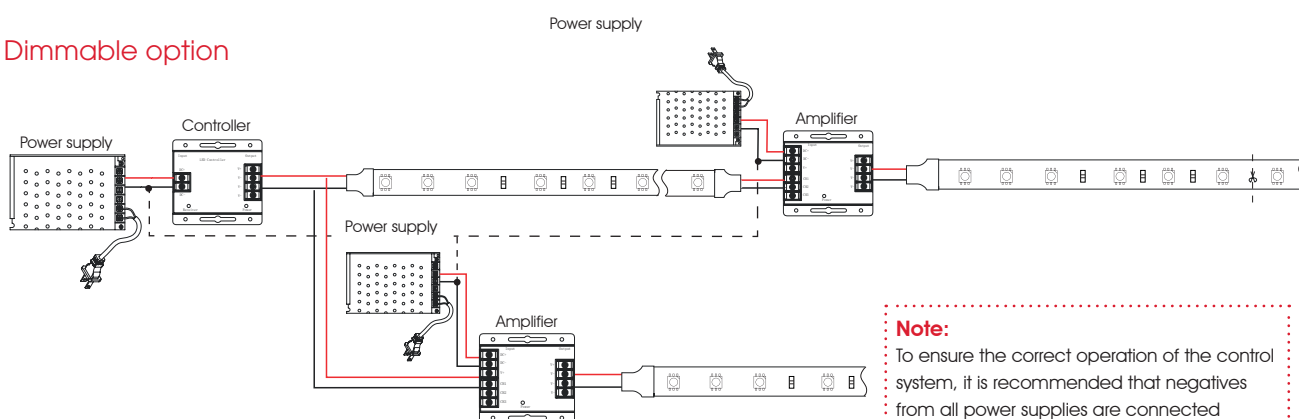


## ■ CONNECTION DIAGRAMS

### Non dimmable option



### Dimmable option



**Note:**

To ensure the correct operation of the control system, it is recommended that negatives from all power supplies are connected together.

## ■ INSTALLATION

### Adhesive 3M VHB



## ■ PACKAGING

