



## Led Strips Professional Series

FU-BLF-2835-XX-001(W)

Dimmable LED strip SMD2835 60 LED/m



### Features

**New PCB with ADF Technology**, 50% thicker than previous one to improve cooling rating.  
Improved circuit desing with constant current and temperature control to get better lifespan.

High Performance LM80 certified 2835 LEDs.

Cutting by groups to facilitate use.

Uniform brightness throughout entire length.

12VDC power supply to get better reliability

"SDCM 3" MacAdam selection "step3"

Highest performance original 3M VHB back adhesive tape.

CRI>83 standard rate.

CRI>97 optional rate under request.

CE, LVD & EMC European certificates available.

\* LM80 CERTIFIED:  
LED LIFESPAN tested under LM80;  
Expected LIFETIME of 30,000h.



**FU-BLF-2835-XX-001(W)**

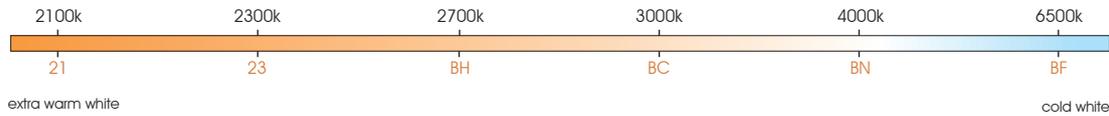
Professional series



Dimmable LED strip SDM2835 60 LED/m

<b>60</b> Led/m	<b>5</b> W/m	<b>12V</b>	MeanLife up to <b>7</b> years
<b>≤780</b> lm/m	<b>≤156</b> lm/w	LED SMD 2835	MacAdam 3 level SDCM BIN1
standard <b>CRI &gt;83</b>	optional <b>CRI &gt;97</b>		

White color temperature range



10 Max. meters in series (one side powered)	VHB 3M	driver NO include	120°	5m	16,66mm	5cm	30,000 h
20 Max. meters in series (two side powered)	ADF PCB	Do not bend	ESD	Dimmable	Alu profile required	Trabajo 50°C -20°C	Almacenaje 60°C -40°C

**Features**

Part number	CCT / wavelength	Luminous intensity per m / flux	Efficiency lm / W	Energy efficiency	Ordinary strip	Strip with waterproof part number "W" suffix
FU-BLF-2835-21-001(W)	±2050~2150k	±675lm	±135	<b>D</b>	  5000mm 1,25mm 8mm 5000mm 4mm 10mm	No color temperature deviation.
FU-BLF-2835-23-001(W)	±2250~2350k	±690lm	±138	<b>D</b>		
FU-BLF-2835-BH-001(W)	±2700~2800k	±705lm	±141	<b>D</b>		
FU-BLF-2835-BC-001(W)	±2950~3100k	±720lm	±144	<b>D</b>		
FU-BLF-2835-BN-001(W)	±3900~4050k	±750lm	±150	<b>C</b>		
FU-BLF-2835-BF-001(W)	±6400~6600k	±780lm	±156	<b>C</b>		

**Notes**

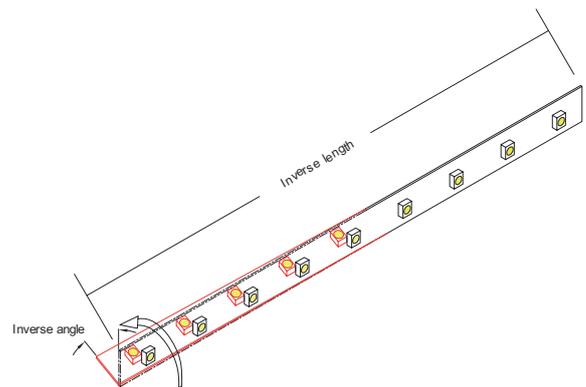
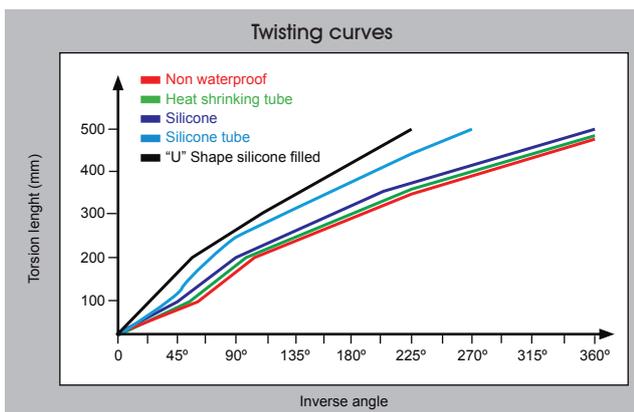
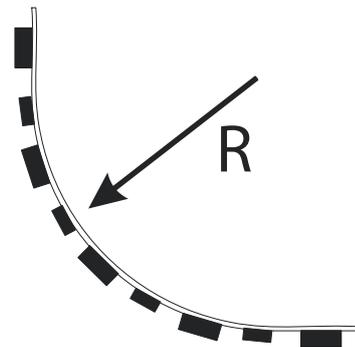
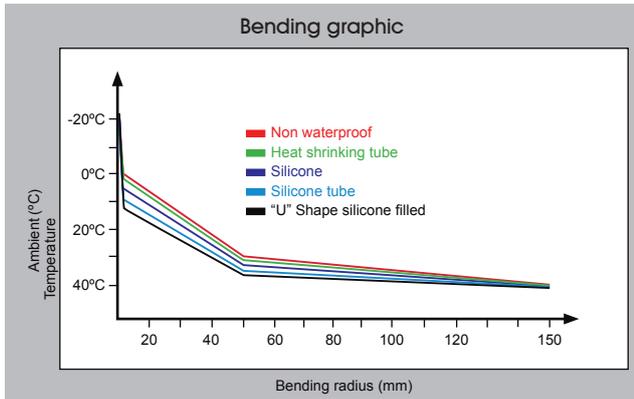
Waterproof led strips covered by silicone material use to suffer an unavoidable CCT value modification owing to optical effect caused when light beam passes through material.  
Initial CCT values are increased several hundreds or thousands of °K. This increasing is much higher in coldest white CCTs. New FULLWAT molded silicone system avoids this effect and our waterproof led strips are CCT rated at original value without modification.  
Please, contact with your local sales office to get wider details.

	25m length models are available.
	50m length models are available under request. Contact to our Sales Department.

Specific parameters

Reference	Waterproof materials	Size (mm)	Connections	Mode of fixation	IP rate
FU-BLF-2835-BF-001	Non waterproof	8x1.25	Silicone wire red and white	Adhesive 3M VHB	IP20
FU-BLF-2835-BF-001W	Silicone extruded tube	10x4	5.5mm DC connector	Adhesive 3M VHB	IP67

Bending grades



Reference point: strip bending at 0°C.

■ **NON WATERPROOF MODEL**

Features

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



Optional accessories

ACC8-JOIN-600



ACC8-CABLE-600



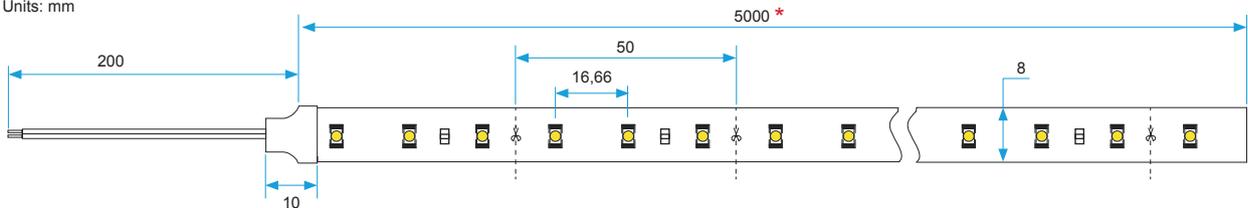
Handling

<p>Cut through marked areas.</p>	<p>Put the PCB in the space between clip and connector, make the clips exactly aim at welding point</p>	<p>Close the cover of connector.</p>
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Product size

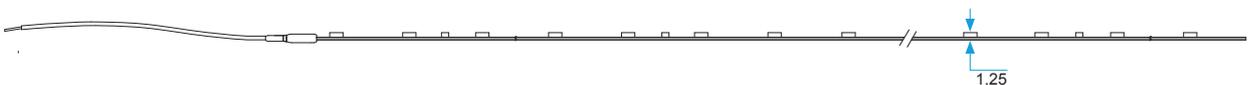
Frontal view

Units: mm



Side view

Units: mm



\* 25 length models are available for references FU-BLF-2835-XX-001/25.  
50 length models are available for references FU-BLF-2835-XX-001/50.

**WATERPROOF MODEL**

Features

- IP67 Rating with high performance molded silicone.
- High temperature, maximum flexibility, anti- UV, non toxic and improved optical transmittance >92%
- **New waterproof molded** silicone system to avoid CCT (color temperature) value modifications. Improved soldering pads in every cutting areas.



Optional accesories

Silicone caps



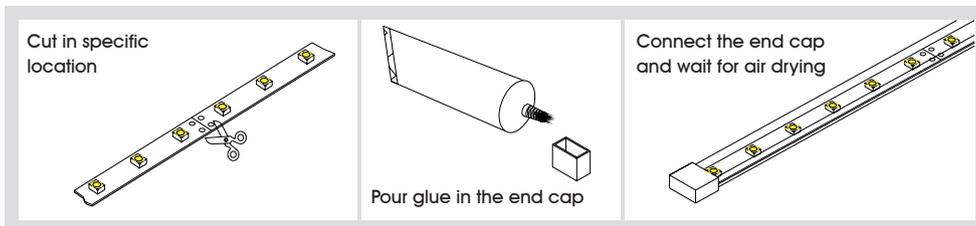
Male-female DC conectors



Silicone gel tube



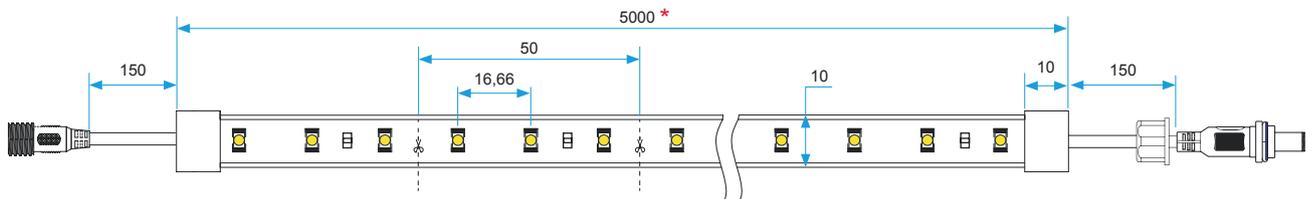
Handling



Product size

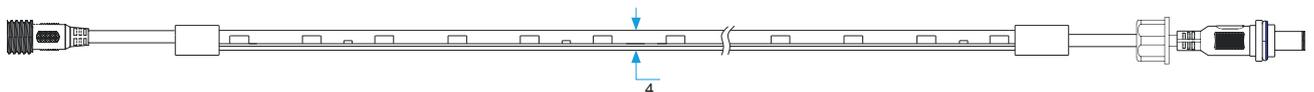
Front view

Units: mm



Side view

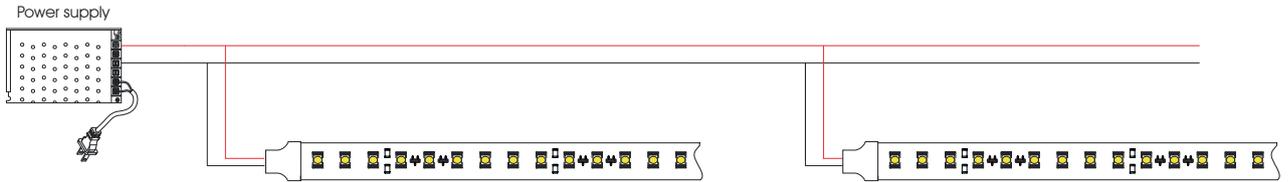
Units: mm



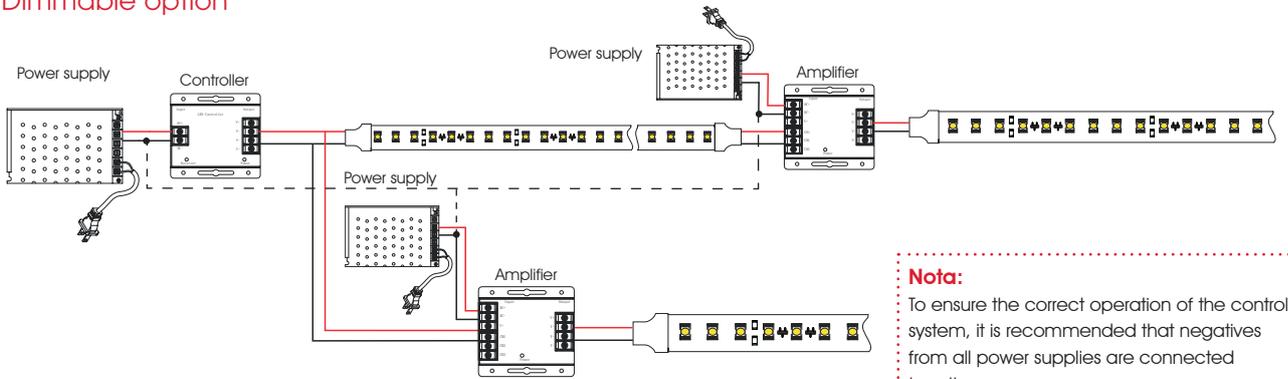
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50 length models are available for references FU-BLF-2835-XX-001W/50.

**CONNECTION DIAGRAMS**

Non dimmable option



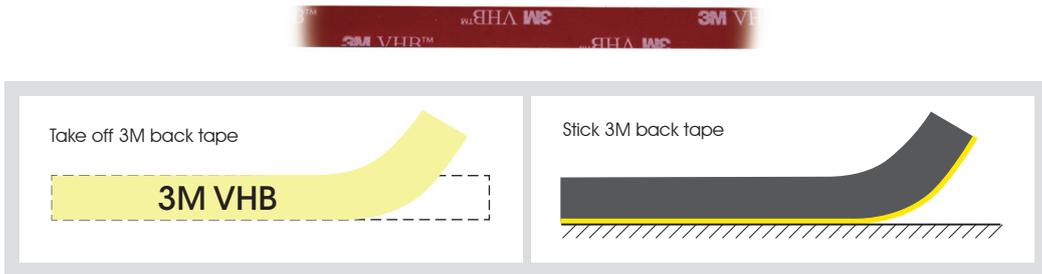
Dimmable option



**Nota:**  
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**

