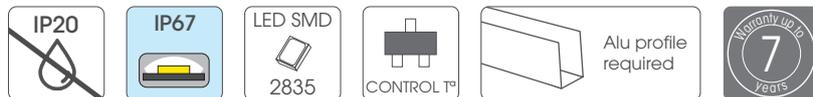




## Led Strips Professional Series

CCTX-2835-XX97-2(W)X

Dimmable LED strip with temperature control  
SMD2835 - 120Leds/meter



### Features

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

High Performance LM80 certified 2835 LEDs.

Cutting by groups to facilitate its use.

Uniform brightness throughout entire length.

24VDC power supply to get better reliability

"SDCM 3" MacAdam selection "step3"

Highest performance original 3M VHB back adhesive tape.

CRI>97 standard rate.

CE, LVD & EMC European certificates available.

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

CCTX-2835-XX97-2(W)X

Professional series

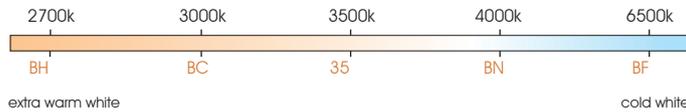
Dimmable LED strip with temperature control



SPECIAL  
HIGH CRI  
CRI > 97

- 120 Led/m
- 19,2 W/m
- 24V
- Warranty up to 7 years
- ≤2160 lm/m
- LED SMD 2835
- MacAdam 3 level SDCM BIN1
- R9 >85
- CRI >97 special
- CONTROL T<sup>®</sup>

White color temperature range



- 10 Max. meters in series (one side powered)
- VHB 3M
- driver NOT included
- 120°
- 5m
- 8,33mm
- 5cm
- 30.000 h
- 20 Max. meters in series (two side powered)
- ADF PCB
- Do not bend
- ESD
- Dimmable
- HIGH POWER 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	Energy efficiency	Ordinary strip	Strip with waterproof part number "W" suffix
CCTX-2835-BH97-2(W)X	±2700~2800k	±2010lm	±105	E	 5000mm 1,25mm / 10mm	 5000mm 4mm / 12mm  No color temperature deviation.
CCTX-2835-BC97-2(W)X	±2950~3100k	±2040lm	±106	E		
CCTX-2835-3597-2(W)X	±3400~3500k	±2090lm	±108	E		
CCTX-2835-BN97-2(W)X	±3900~4050k	±2100lm	±109	E		
CCTX-2835-BF97-2(W)X	±6400~6600k	±2160lm	±113	E		

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 silicone 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.

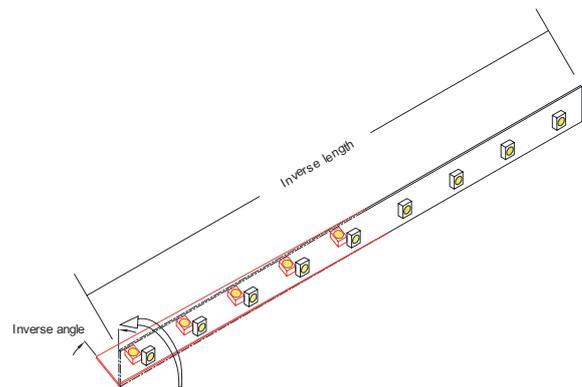
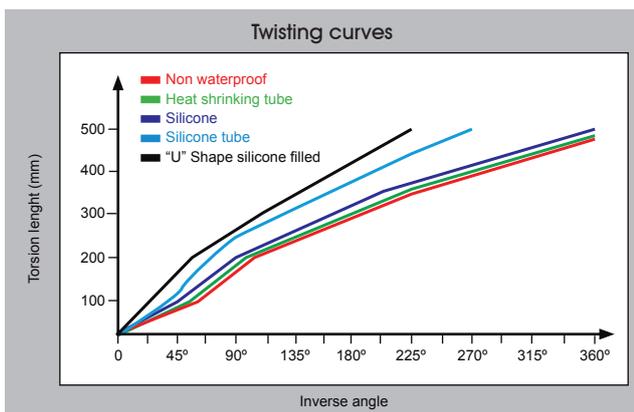
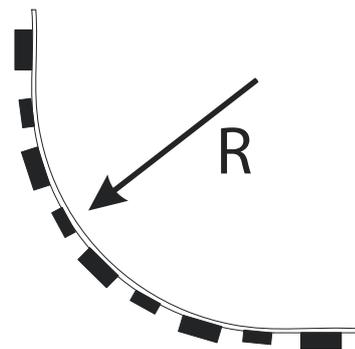
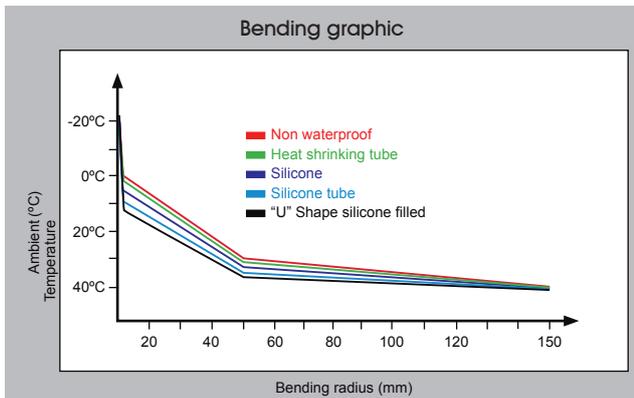
25m  
25 length models are available.

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

Specific parameters

Reference	Waterproof materials	Size (mm)	Connections	Mode of fixation	IP rate
CCTX-2835-BF97-2X	Non waterproof	10x1.25mm	Silicone wire red and white	Adhesive 3M VHB	IP20
CCTX-2835-BF97-2WX	Silicone extruded tube	12x4mm	5.5mm DC cable	Adhesive 3M VHB	IP67

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**

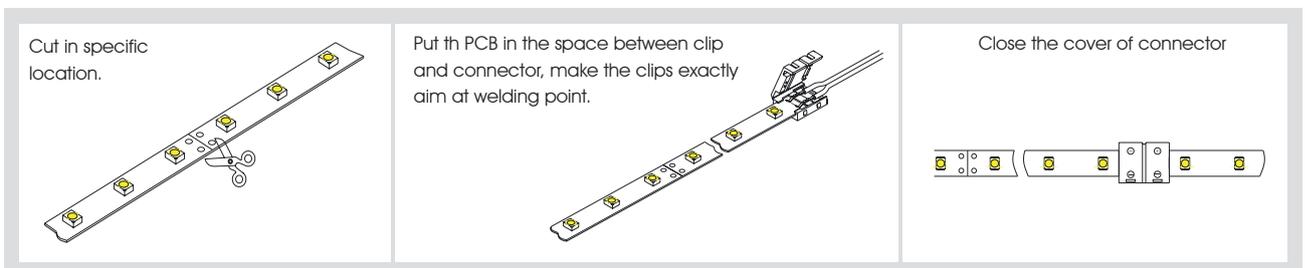
ACC10-JOIN-600



ACC10-CABLE-600



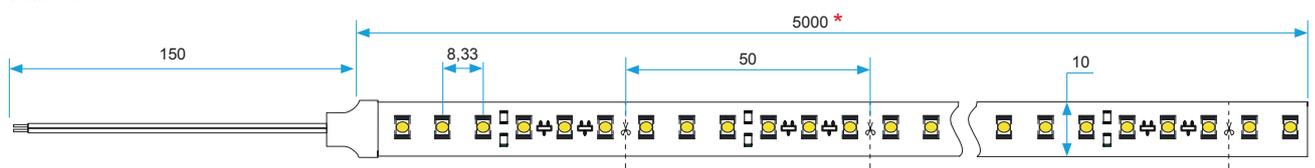
**Operation specification**



**Product dimensions**

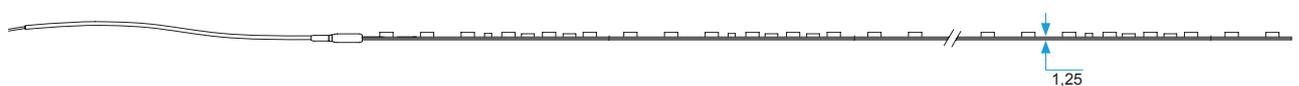
**Front view**

Units: mm



**Size view**

Units: mm



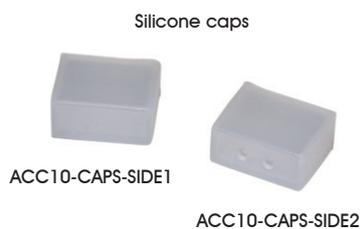
\* 25 length models are available for references CCTX-2835-XX97-2X/25.  
50 length models are available for references CCTX-2835-XX97-2X/50.

**WATERPROOF MODEL**

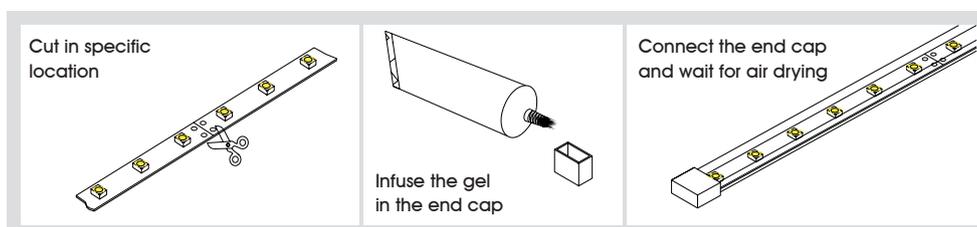
Features

- 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) values modifications. Improved soldering pads in every cutting areas.

Optional accesories



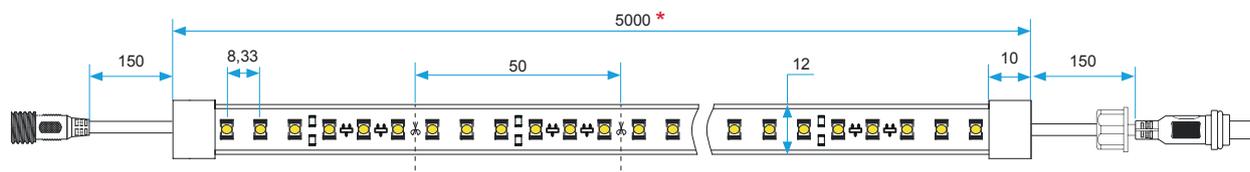
Handling



Product size

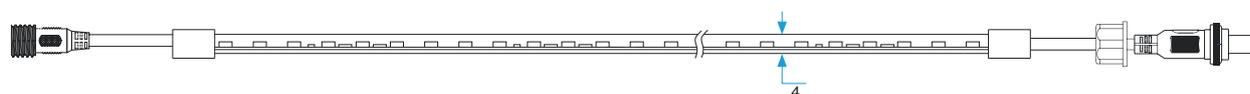
Front view

Units: mm



Side view

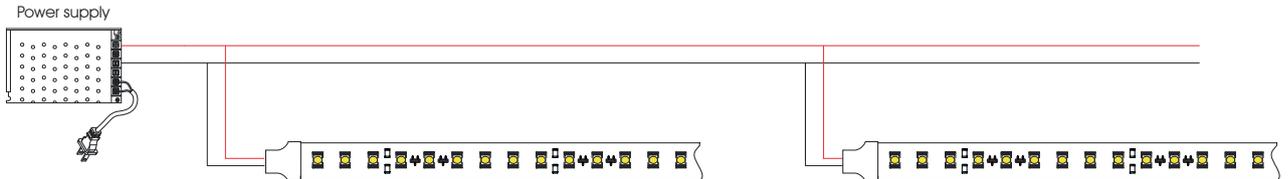
Units: mm



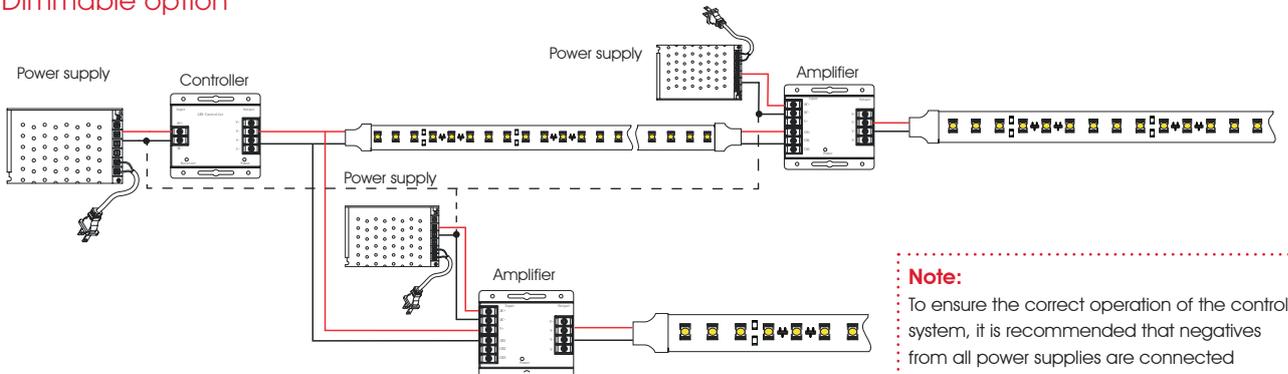
\* 25 length models are available for references CCTX-2835-XX97-2WX/25.  
50 length models are available for references CCTX-2835-XX97-2WX/50.

**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**

