fullwat®

professional solutions

Standard series led strip

DOMOX-2835-XX-002(WP)X

Dimmable strip with 120 SMD2835 leds per meter

| IP20 | IP54 | Alu profile required | LED SMD 2835 |
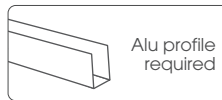
Features

High brightness SMD 2535 LEDs according to "LM80".

Allows cutting by groups to facilitate its use.

Uniform shine along its entire length.

Powered at 24VDC, safe and suitable for universal use.

"SDCM5" Selection of MacAdam "step5".

"3M 300LSE" High performance adhesive.

Standard color reproduction "CRI>83".

Optional color reproduction "CRI>90".

International certifications available.

* COMPLIANT WITH LM80:

The life of the LED diodes has been tested according to the LM80 standard to reach an expectation of 30,000 hours or more.

LM 80   RoHS   CE

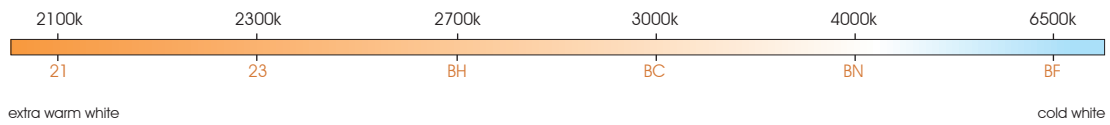# DOMOX-2835-XX-002(WP)X

Standard series

Standard Grade High Efficiency LED Strip

120 Led/m	6 W/m	24V	Warranty up to 5 years

≤960 lm/m	≤160 lm/w	LED SMD 2835	MacAdam 5 level SDCM BIN1

standard CRI >83	optional CRI >90

White color temperature range

2100k	2300k	2700k	3000k	4000k	6500k
21	23	BH	BC	BN	BF

extra warm white   cold white

10 Max. meters in series (one side powered)	3M 300 LSE	driver NOT included	120°	5m	8,33mm	✂ 5cm	30.000 h

20 Max. meters in series (two side powered)	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	Energy efficiency	Ordinary strip	Strip with waterproof part number "WP" suffix
	IP20	IP54					
DOMOX-2835-21-002(WP)X	±2050~2150k	±2600k	±800lm	±133	D		
DOMOX-2835-23-002(WP)X	±2250~2350k	±2900k	±800lm	±133	D		
DOMOX-2835-BH-002(WP)X	±2650~2800k	±3100k	±860lm	±143	D		
DOMOX-2835-BC-002(WP)X	±2950~3250k	±3500k	±860lm	±143	D		
DOMOX-2835-BN-002(WP)X	±3800~4200k	±6000k	±960lm	±160	C		
DOMOX-2835-BF-002(WP)X	±6400~6700k	±22000k	±960lm	±160	C		

Ordinary strip: IP20 — 5000mm, 1,25mm, 8mm

Strip with waterproof: IP54 — 5000mm, 3mm, 8mm

Notes

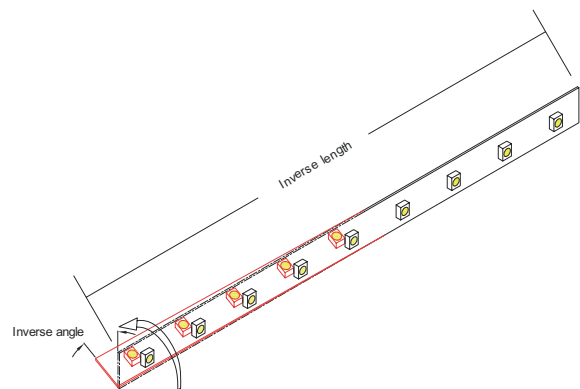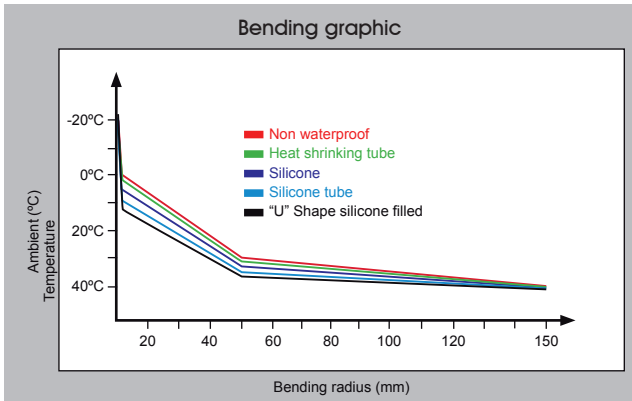| 25m	25 length models are available.
50m	50 length models are available under request. Contact to our Sales Department.
IP54	IP54 models 10m maximum

Specefic parameters

Reference	Waterproof materials	Size (mm)	Connections	Fixing mode	IP rate
DOMOX-2835-BF-002X	Non waterproof	8x1.25mm	Wire red and black	Adhesive 3M 300 LSE	IP20
DOMOX-2835-BF-002WPX	Moulded silicone	8x3.0mm	Wire red and black	Adhesive 3M 300 LSE	IP54

Bending grades

Bending graphic

- Non waterproof
- Heat shrinking tube
- Silicone
- Silicone tube
- "U" Shape silicone filled

Ambient (ºC) Temperature

Bending radius (mm)

Twisting curves

- Non waterproof
- Heat shrinking tube
- Silicone
- Silicone tube
- "U" Shape silicone filled

Torsion lenght (mm)

Inverse angle

Inverse length

Inverse angle
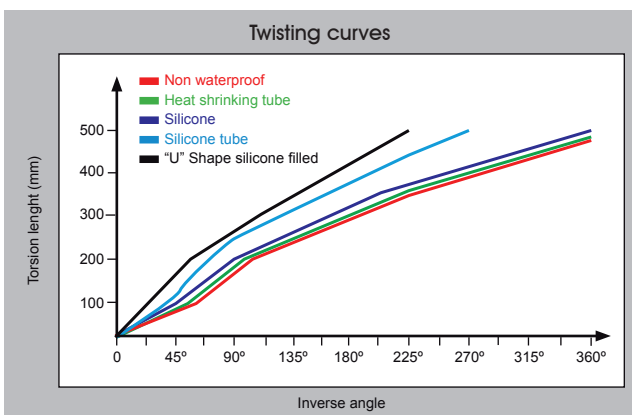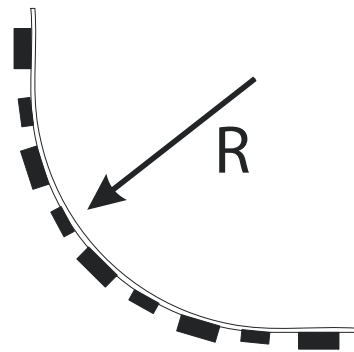
Reference point: strip bending at 0ºC.

■ NON-WATERPROOF MODEL

Features

• IP20 easier assembling 3M 300LSE.

• Small in size, light in weight, flexible.

Optional accesories
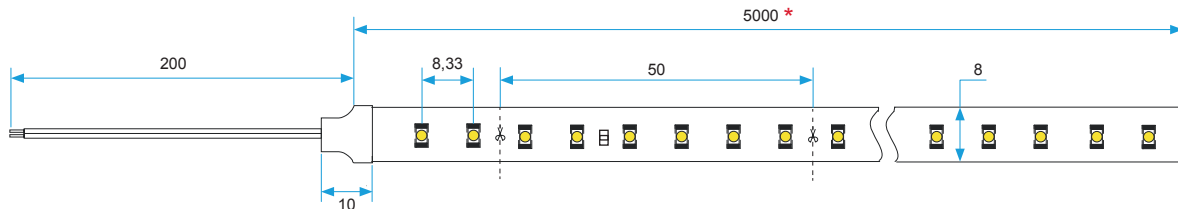

ACC8-JOIN-600

ACC8-CABLE-600

Operatin specification

Cut in specific location.	Put th PCB in the space between clip and connector, make the clips exactly aim at welding point.	Close the cover of connector

Product size

Front view

Units: mm

5000 *

200

8,33

50

8

10

Side view

Units: mm

1,25

* 25 Length models are available for references DOMOX-2835-XX-002X/25.
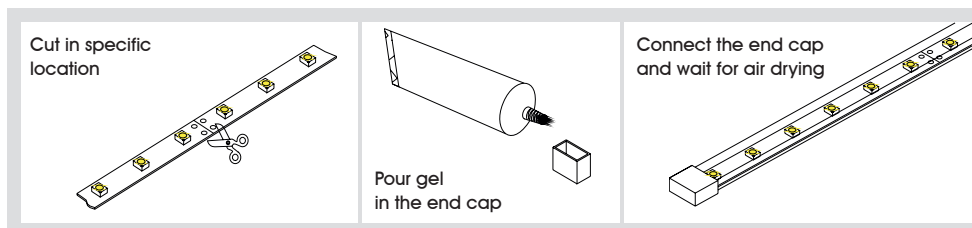   50 Length models are available for references DOMOX-2835-XX-002X/50.

■ WATERPROOF MODEL

Features

• IP54 tightness with silicone coating.

• Resistance to high temperatures, high flexibility, anti UV,
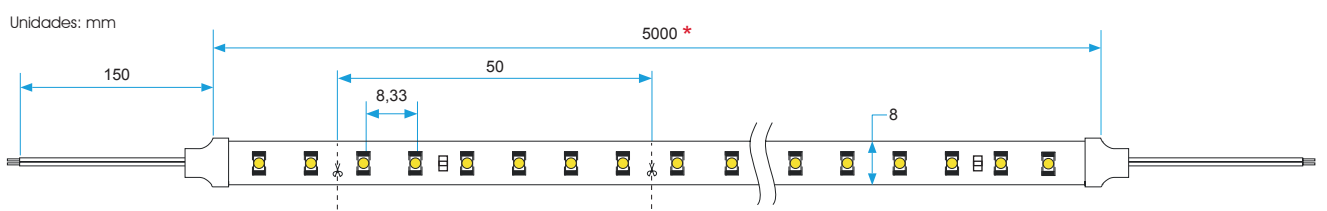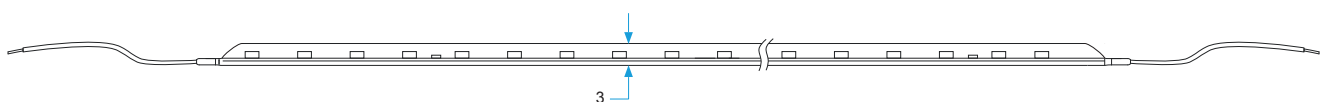 high optical transmittance (≥92%), non-toxic.

Handing

Cut in specific
location

Pour gel
in the end cap

Connect the end cap
and wait for air drying

Product size

Front view

Units: mm

Unidades: mm

5000 *

150

50

8,33
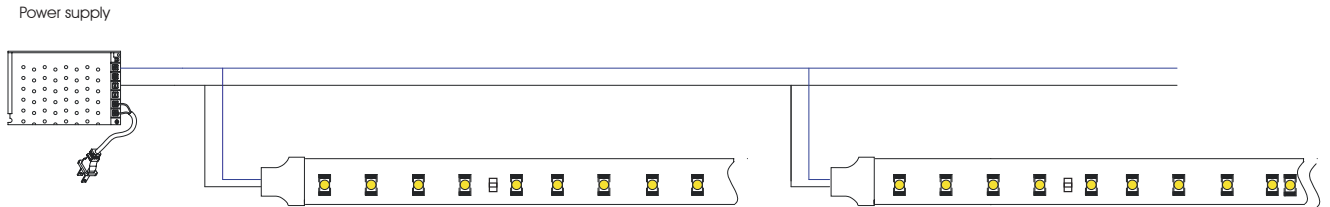
8

Side view

Units: mm

3
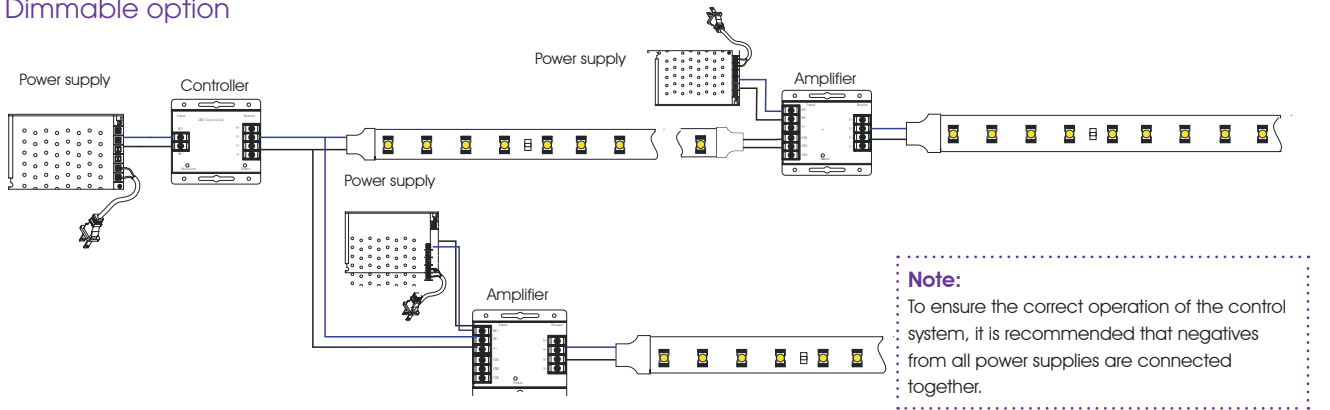
* 10 Length models are available for references DOMOX-2835-XX-002WPX/10.

CONNECTION DIAGRAMS

Non dimmable option

Power supply

Dimmable option

Power supply   Controller

Power supply   Amplifier

Power supply

Amplifier
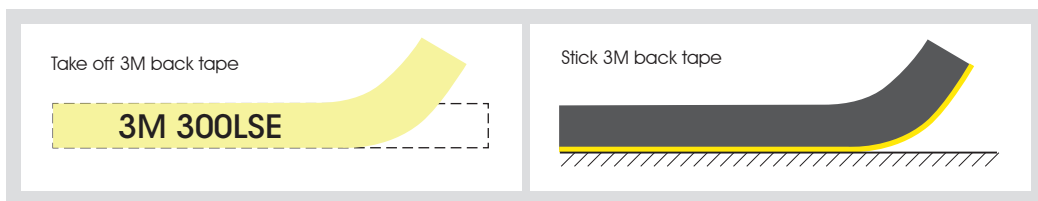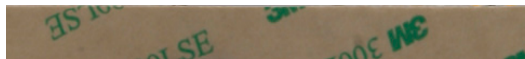

Note:
To ensure the correct operation of the control system, it is recommended that negatives from all power supplies are connected together.

Adhesive 3M LSE

Take off 3M back tape

3M 300LSE

Stick 3M back tape

PACKAGING

Reel

ANTIESTATIC BAG
Certifications

Specifications

EAN bar code

Installation directives and cautions

Additional performance