fullwat®
professional *solutions*

Standard series led strip

DOMOX-2835-XX-001(WP)

Dimmable strip with 60 SMD2835 leds per meter

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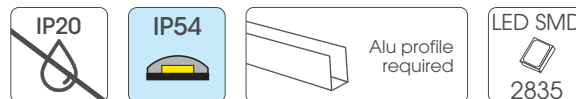
Features

High brightness SMD 2535 LEDs according to "LM80".

Allows cutting by groups to facilitate its use.

Uniform shine along its entire length.

Powered at 12VDC, 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
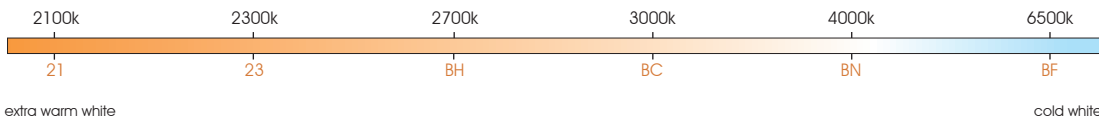
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DOMOX-2835-XX-001(WP)

Standard series

Standard Grade High Efficiency LED Strip

| 60 Led/m | 3 W/m | 12V | 5 years Warranty up to |

| ≤480 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 | 16,66mm | ✂ 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 IP20	IP54	Luminous intensity per m / flux	Efficiency lm / W	Energy efficiency	Ordinary strip	Waterproof strip part number "WP" suffix
DOMOX-2835-21-001(WP)	±2050~2150k	±2600k	±400lm	±133	D		
DOMOX-2835-23-001(WP)	±2250~2350k	±2900k	±400lm	±133	D	IP20	IP54
DOMOX-2835-BH-001(WP)	±2650~2800k	±3100k	±420lm	±140	D		
DOMOX-2835-BC-001(WP)	±2950~3250k	±3500k	±420lm	±140	D	5000mm 1,25mm 8mm	5000mm 3mm 8mm
DOMOX-2835-BN-001(WP)	±3800~4200k	±6000k	±480lm	±160	C		
DOMOX-2835-BF-001(WP)	±6400~6700k	±22000k	±480lm	±160	C		

Notas

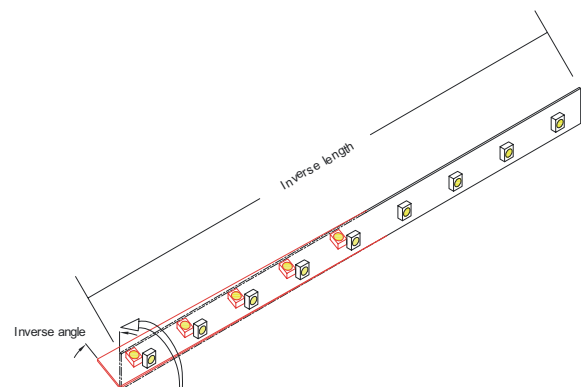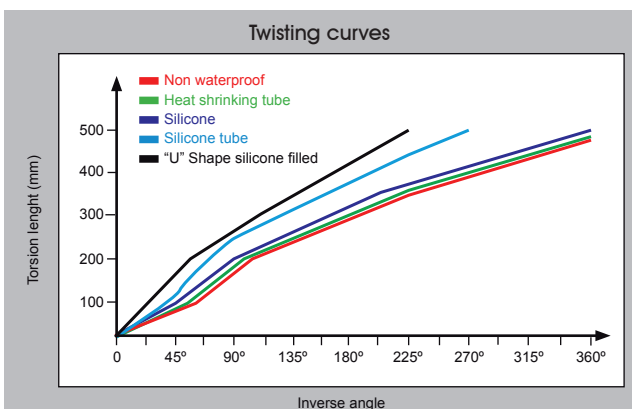| 25m | 25 length models are available. |
| 50m | 50 length models are available under request. Contact to our Sales Department. |
| IP54 | IP54 models 10m maximum |

Specefic parameters

Reference	Waterproof material	Size (mm)	Connections	Modo de Fijación	Grado IP
DOMOX-2835-BN-001	No es estanco	8x1.25mm	Wire red and black	Adhesive 3M 300 LSE	IP20
DOMOX-2835-BN-001WP	Media luna de silicona	8x3mm	Wire red and black	Adhesive 3M 300 LSE	IP54

PCB Layout

tc=75ºC

Bending grades

Bending graphic

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

Ambient (ºC) Temperature

Bending radius (mm)

R

Twisting curves

Twisting curves

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

Torsion lenght (mm)

Inverse angle

Inverse length

Inverse angle
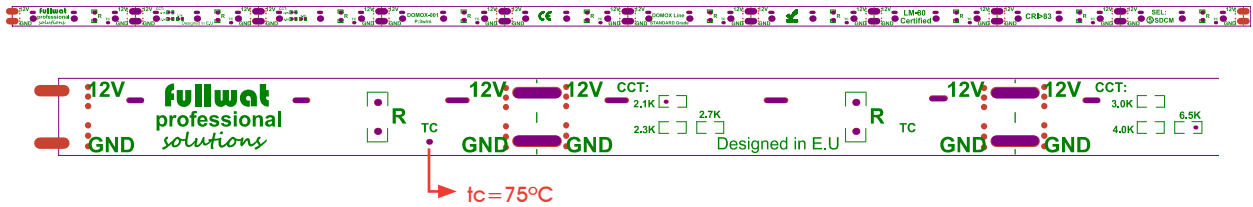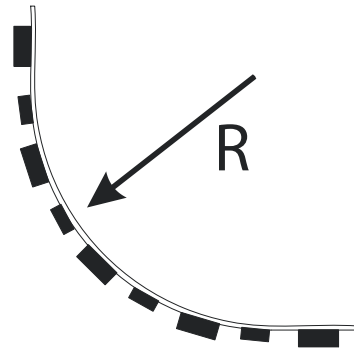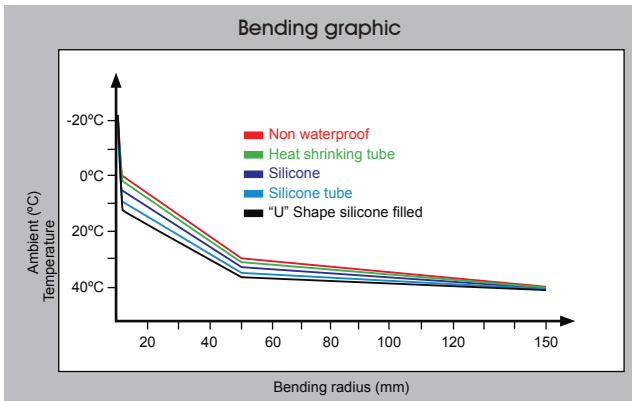
Reference point: strip bending at 0ºC.

NON-WATERPROOF MODEL

Features

- IP20 easier assembling 3M 300LSE.

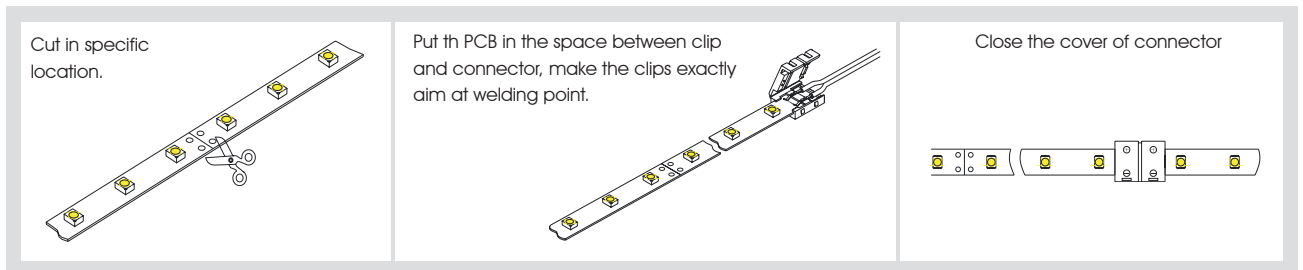- Small in size, light in weight, flexible.

Optional accesories

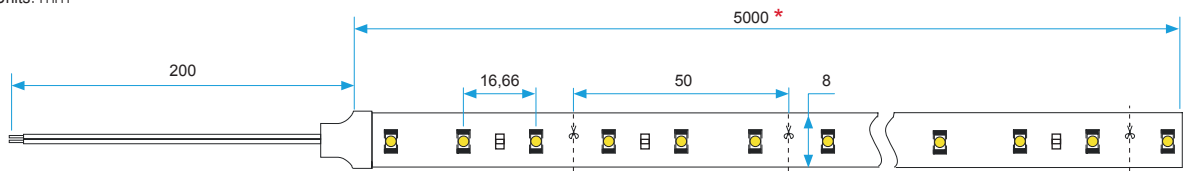ACC8-JOIN-300   ACC8-CABLE-300
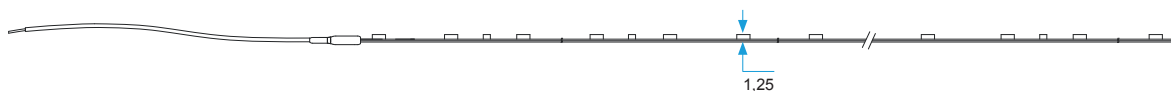
Operatin specification

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

16,66   50   8

Side view

Units: mm

1,25

* 25 Length models are available for references DOMOX-2835-XX-001/25.
  50 Length models are available for references DOMOX-2835-XX-001/50.
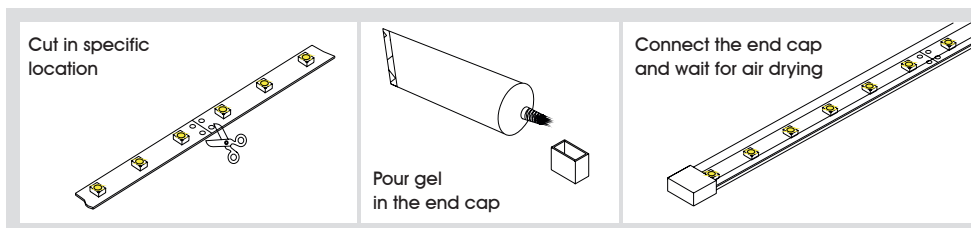
■ WATERPROOF MODEL

Features

- IP54 tightness with silicone coating.

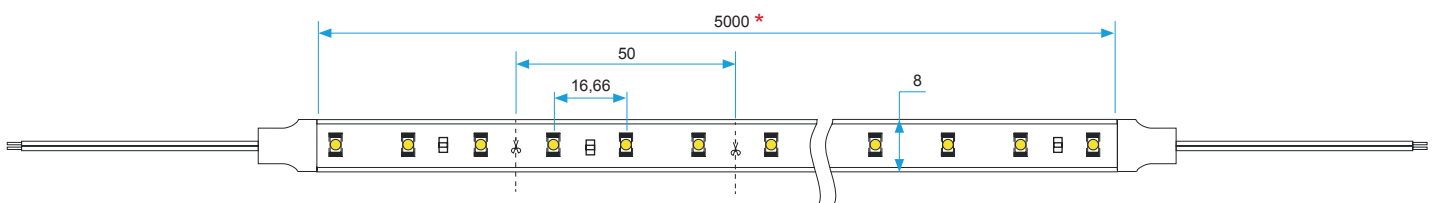- Resistance to high temperatures, high flexibility, anti UV, high optical transmittance (≥92%), non-toxic.
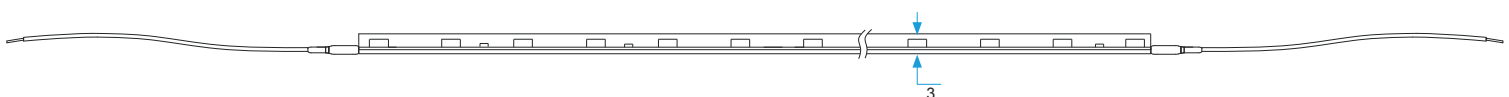
Handing

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

5000 *

50

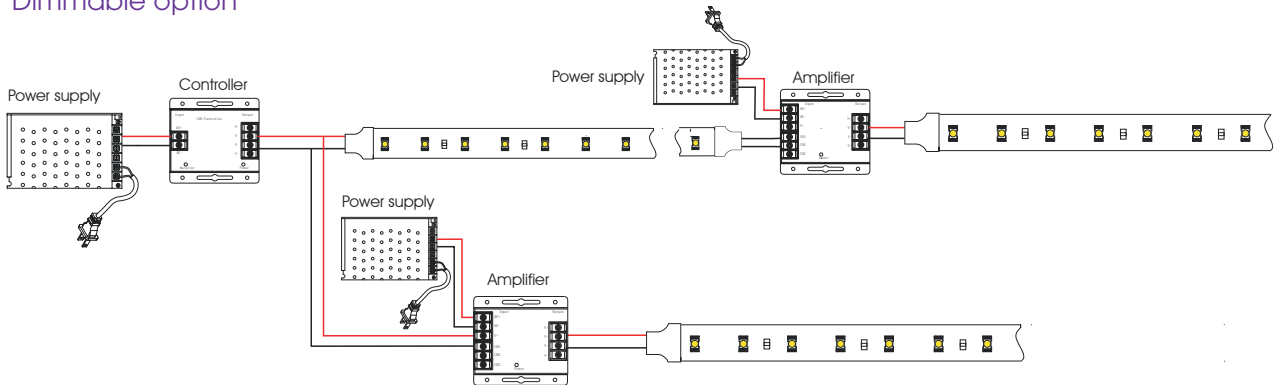16,66

8

Side view

Units: mm

3

* 25 Length models are available for references DOMOX-2835-XX-001WP/25.
  50 Length models are available for references DOMOX-2835-XX-001WP/50.
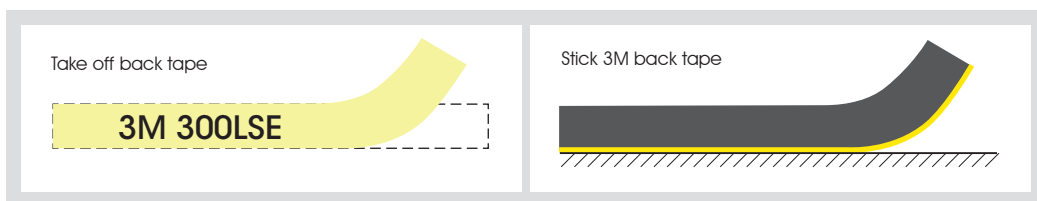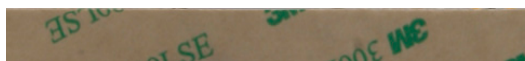
CONNECTION DIAGRAMS

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.

Adhesivo 3M 300LSE

3M 300LSE

Take off back tape

3M 300LSE

Stick 3M back tape

PACKAGING

Reel

ANTIESTATIC BAG

Certifications

Specifications

EAN bar code

Installation directives and cautions

Additional performance