fullwat®
professional solutions

Led Strips Standard Series

DOMOX-5060-RGB-S(WP)

Dimmable LED strip SMD5060 30 LED/m

| IP20 | IP54 | LED SMD 5050 | Alu profile required | Warranty up to 5 years |

Features

- Used 5060 SMD RGB LED with three chip in one LED as lighting resources.
- Input Voltage DC 12V.
- Can be cut by 3 led and connect again by our accessories.
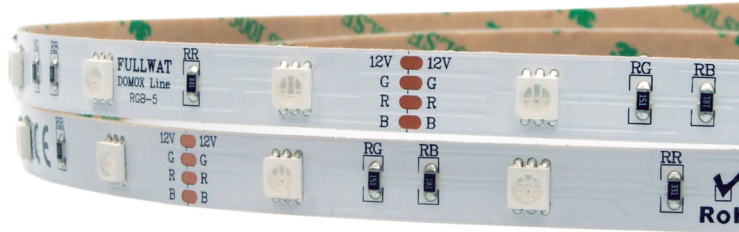- With 3M adhesive tape, easy for installation.

Application

- Cover lighting.
- Architectural light for canopy, corridor, window, archway.
- Backlight for edge lighting for signage.
- DIY lights for home use.
- Path and contour marking.
- Decorative lights for event, show exhibition.

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

LM 80   RoHS   CE

fullwat®
professional solutions

DOMOX-5060-RGB-S(WP)

Standard series

Dimmable LED strip SMD5060 30 LED/m

| 30 Led/m | 4,8 W/m | 12V | Warranty up to 5 years |

| ≤190 lm/m | LED SMD 5050 |

RGB

RGB full color

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

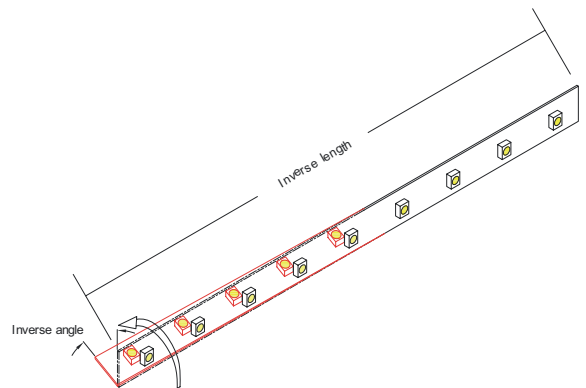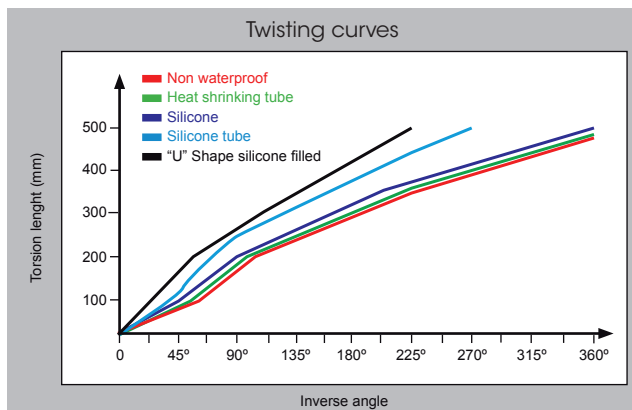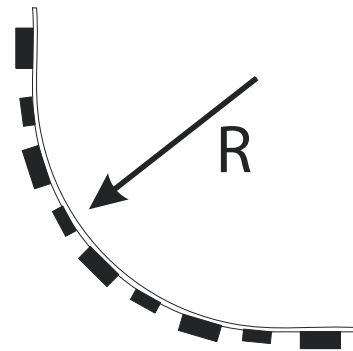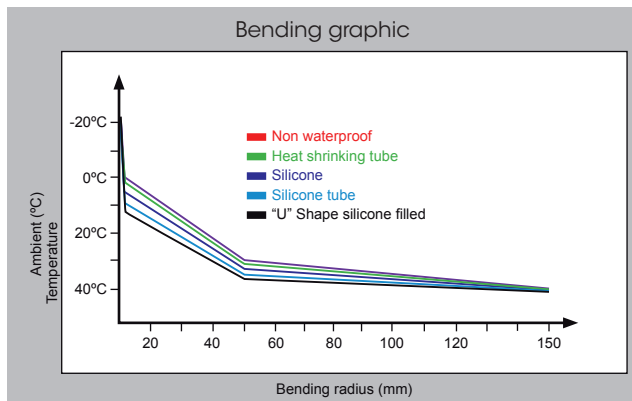| Part number	CCT / wavelength	Luminous intensity per m / flux	Efficiency lm / W	Energy efficiency	Ordinary strip	Waterproof strip part number "WP" suffix
DOMOX-5060-RGB-S(WP)	(R) ±625nm (G) ±520nm (B) ±465nm	±190lm	±40	G	IP20 5000mm 1,25mm 10mm	IP54 5000mm 3mm 10mm

Notes

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

Specific parameters

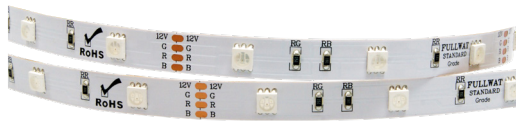| Reference	Waterproof materials	Size (mm)	Connections	Fixing mode	IP rate
DOMOX-5060-RGB-S	NonWaterproof	10x1,25	Silicone wire red and white	Adhesive 3M 300 LSE	IP20
DOMOX-5060-RGB-SWP	D moulded silicone	10x3	Silicone wire red and white	Adhesive 3M 300 LSE	IP54

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

Reference point: strip bending at 0ºC.

DOMOX-5060-RGB-S(WP)

Standard series

Dimmable LED strip SMD5060 30 LED/m

■ <u>NON</u> WATERPROOF MODEL

Features

- With 3M 300LSE adhesive tape, it is easy for installation. IP20.

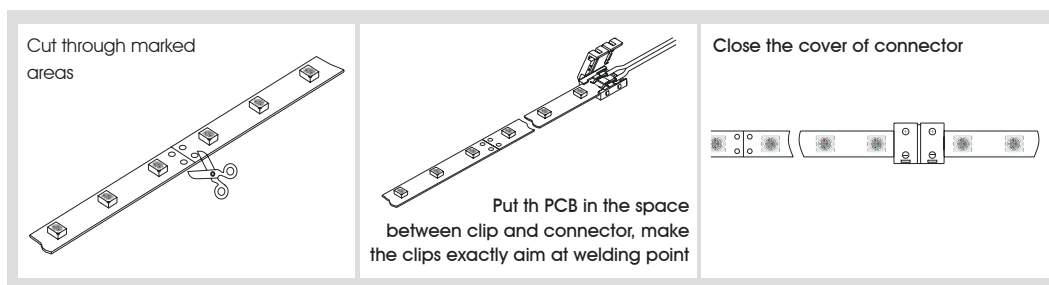- Small in size, light in weight, flexible.

Optional accesories
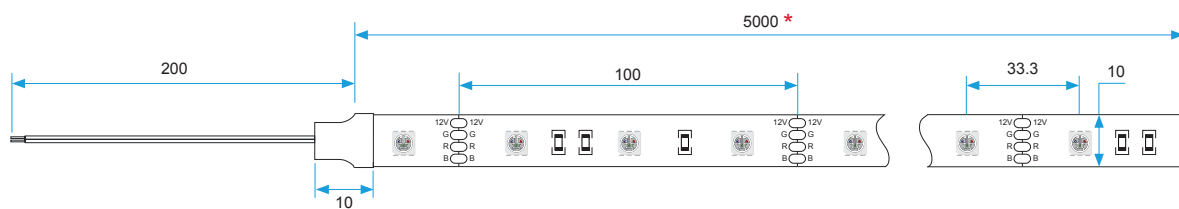
ACC10-JOIN-RGB-150
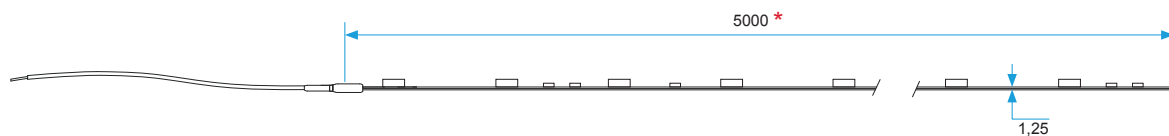
ACC10-CABLE-RGB-150

Operation specification

| Cut through marked areas | 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

100

33.3

10

10

Size view
Units: mm

5000 *

1,25

* 25 meter models for references DOMOX-5060-RGB-S/25.
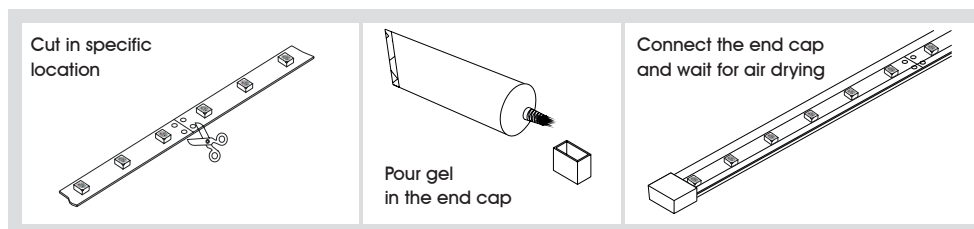50 meter models for references DOMOX-5060-RGB-S/50.

■ WATERPROOF MODEL

Features

• The strip is well protected by silicone tube IP54.

• High temperature resistance high flexibility, anti UV, high light transmittance (≥92%), non-toxic.

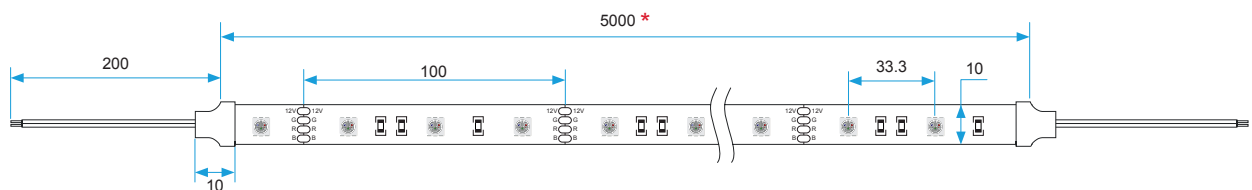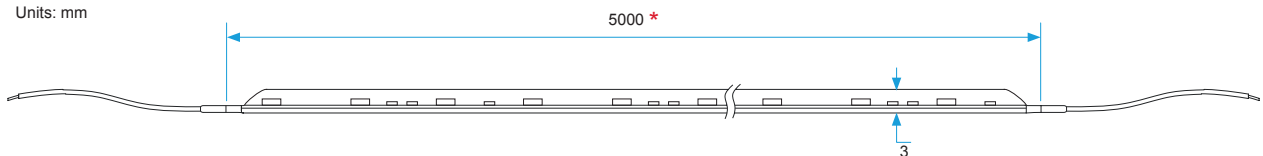### Operation specification

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 *
200
100
33.3
10
10

Size view
Units: mm

5000 *
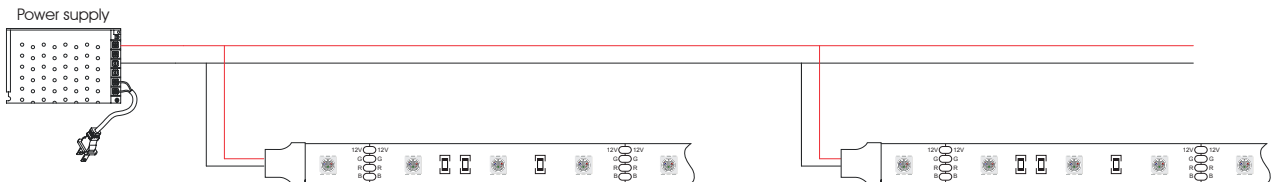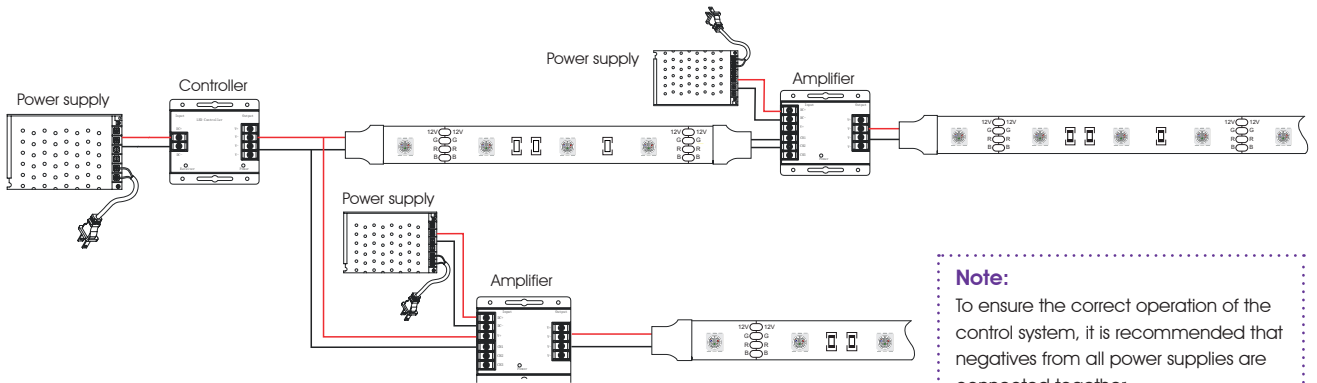3

* 25 meter models for references DOMOX-5060-RGB-SWP/25.
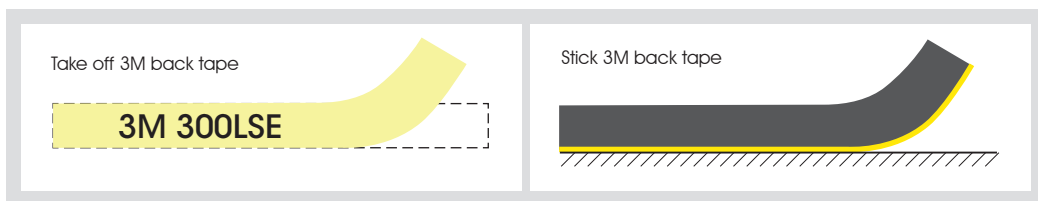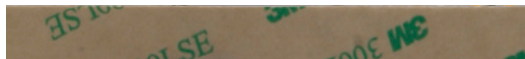 50 meter models for references DOMOX-5060-RGB-SWP/50.

■ CONNECTION DIAGRAMS

Non dimmable option

Power supply

Dimmable option

Controller

Power supply

Amplifier

Power supply

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 300LSE

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