fullwat®
professional *solutions*

Smart Line professional Series

CVS-5060-RGB-144(W)
Programmable LED strip SMD5060 144 LED/m

| IP20 | IP67 | LED SMD 5060 | Alu profile required | Warranty up to 5 years |

Features

- Available in144 pixel per meter.

- 3M VHB adhesive double side tape at the back.

- Built-in data signal reshaping circuit.

- 5VDC input supply voltage.

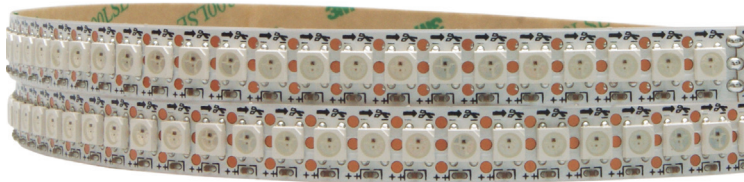- Flexible construction material.

- Send data at speeds of 800Kbps.

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

Applications

- Bars, Disco rooms, Building decorations, Shopping malls, restaurants, hotels, meeting rooms.

- Advertisement signs.

LM 80   RoHS   CE

CVS-5060-RGB-144*(W)

144 Led/m	27 W/m	5V	5 Warranty up to years

≤872 lm/m	LED SMD 5060	smart chip	SUPER BRIGHT

Pixel 1 LED

Smart RGB

RGB	RGB

RGB full color

Smart chip

| Available PCB in black and white.

CODIFICATION COLOR G R B	configuration UCS1903	Programmable	VHB 3M	driver NOT included	120º	Alu profile required	30.000 h

Parallel powereds each 2,5 meters of LED strips	Do not bend	ESD	5m	7mm	7mm	Working 50ºC -20ºC	Storage 60ºC -40ºC

Features

Part number	CCT / wavelength	Luminous intensity per m / flux	Efficiency lm / W	Energy efficiency	Ordinary strip	Strip with waterproof part number "W" suffix
CVS-5060-RGB-144B/N(W)	(R) 620-625nm (G) 520-525nm (B) 465-470nm	±872lm	±32	G	IP20 5000mm 1.25mm 12mm	Silicone tube IP67 5000mm 4mm 14mm

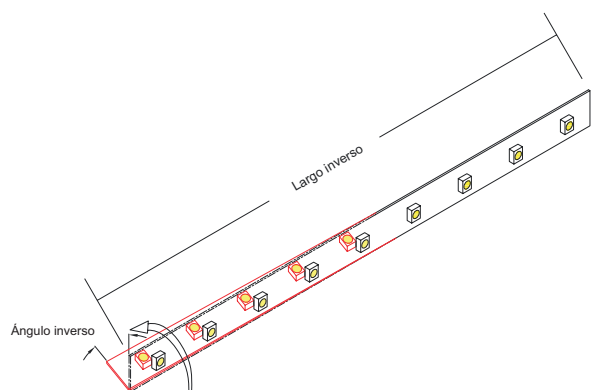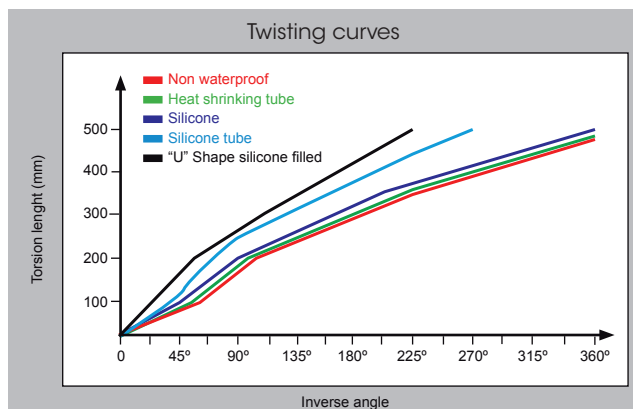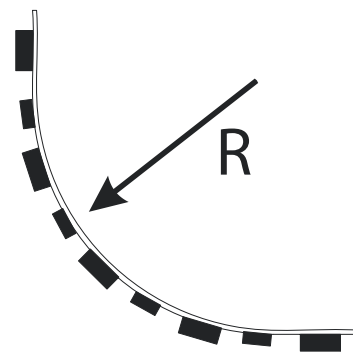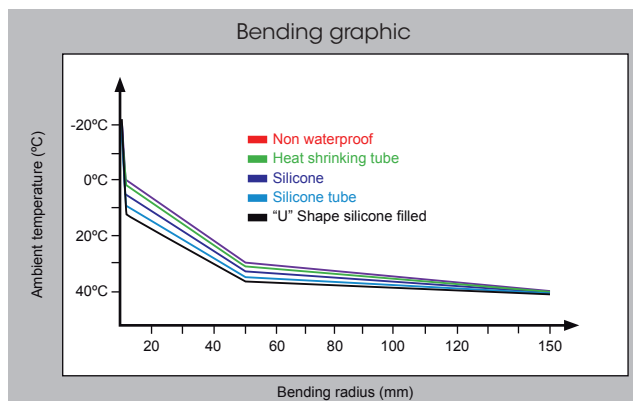| B ──> White PCB	N ──> Black PCB

Notes

XXm

Customized packing is available for oem projects.

Specific parameters

Reference	Waterproof materials	Size (mm)	Connections	Fixing mode	IP rate
CVS-5060-RGB-144B/N	Non Waterproof	12x2.5	3 wires with connector for data signal and 2 wires for power.	Adhesive 3M VHB	IP20
CVS-5060-RGB-144B/NW	Silicone tube	14x5	3 wires with connector for data signal and 2 wires for power.	Adhesive 3M VHB	IP67

Bending grades

Bending graphic

Ambient temperature (ºC)
- Non waterproof
- Heat shrinking tube
- Silicone
- Silicone tube
- "U" Shape silicone filled

Bending radius (mm)

R

Twisting curves

Torsion lenght (mm)
- Non waterproof
- Heat shrinking tube
- Silicone
- Silicone tube
- "U" Shape silicone filled

Inverse angle

Largo inverso

Ángulo inverso

Reference point: strip bending at 0ºC.

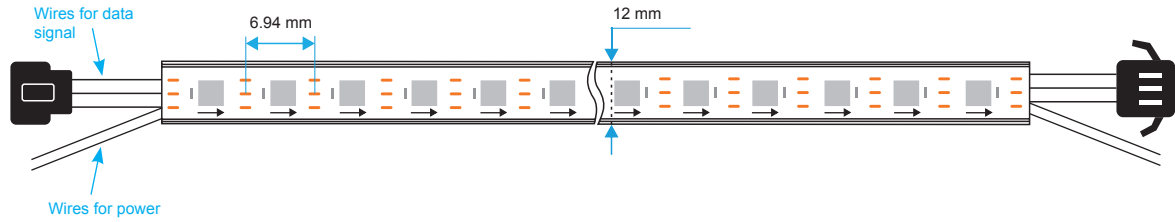## ■ NON WATERPROOF MODEL

Features

• With 3M VHB adhesive tape, it is easy for installation. IP20.
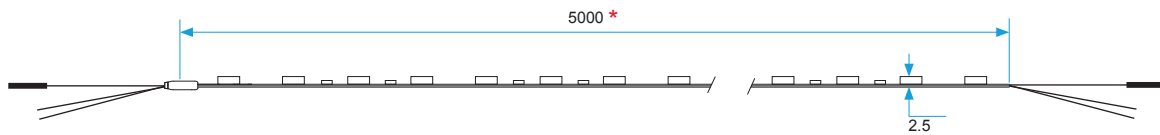
• Small in size, light in weight, flexible.

Product size

Front view

Units: mm

Wires for data signal

6.94 mm

12 mm

Wires for power

Side view
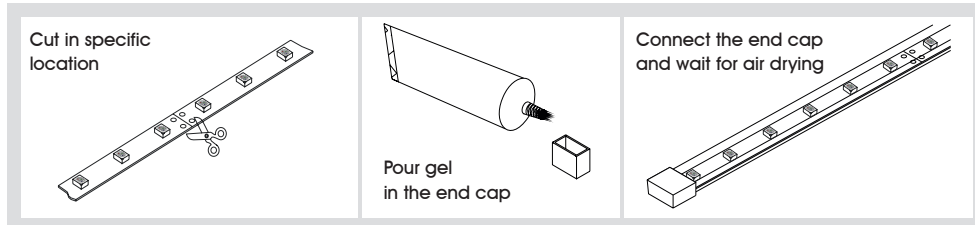
Units: mm

5000 *

2.5

* Customized packing is available for oem projects.

■ WATERPROOF MODEL

Features

• The strip is well protected by silicone tube IP67.

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

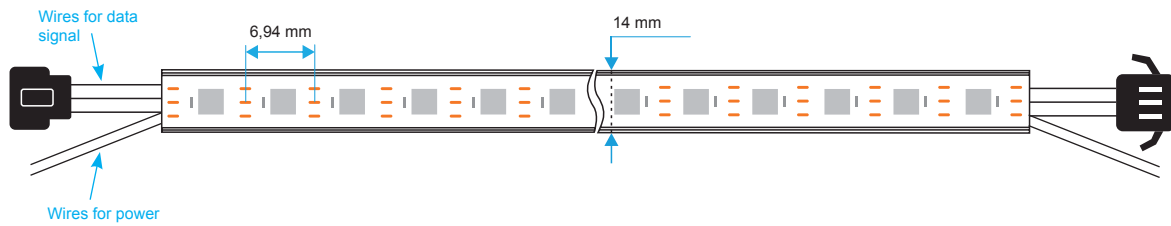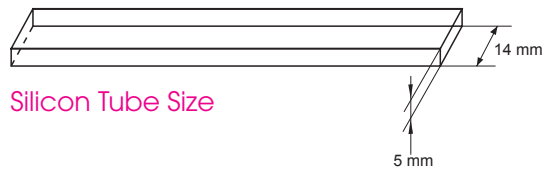### Operation specification

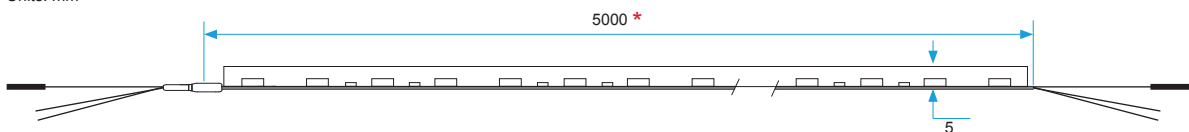|		
Cut in specific location	Pour gel in the end cap	Connect the end cap and wait for air drying

Product size

Front view

Units: mm

Silicon Tube Size

14 mm

5 mm

Wires for data signal

6,94 mm

14 mm

Wires for power

Side view

Units: mm

5000 *

5

* Customized packing is available for oem projects.

■ 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.

Adhesive 3M VHB

Take off 3M back tape

3M VHB

Stick 3M back tape

■ PACKAGING

Reel

ANTIESTATIC BAG

Certifications

Specifications

EAN bar code

Installation directives and cautions

Additional performance