

Specification Sheet for Constant Current SMD3020 LED Flexible Strips

Model: F3020X35SA-X-24C, F3020A63SA-X-24C



Applications:

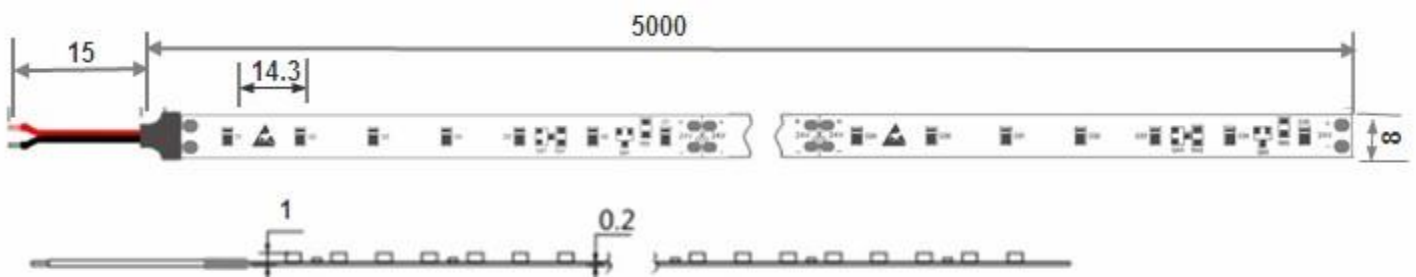
- ◆ Car decoration
- ◆ Architectural decorative lighting
- ◆ Archway, canopy and bridge edge lighting
- ◆ Auditorium walkway lighting
- ◆ Backlighting for signage letters
- ◆ Channel letter lighting



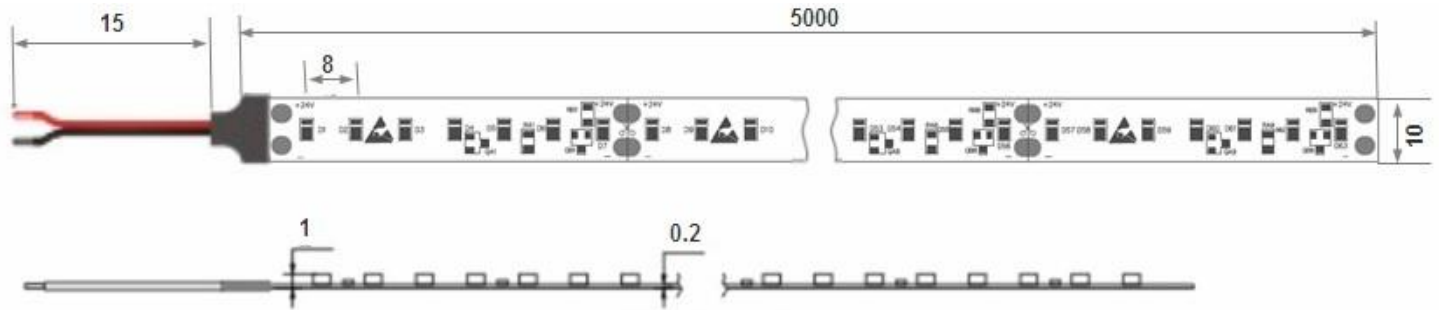
Product features:

- ◆ Constant Current Version
- ◆ For 10m length, no color and brightness difference.
- ◆ No need of special driver, any DC24 driver will work.
- ◆ No need of special controller, normal controller will be OK.
- ◆ It can protect itself as well; when the strip temperature goes up, the current will go down to ensure safety.
- ◆ 120degrees
- ◆ With self-adhesive tape on backside, 7LEDs a group
- ◆ Work Voltage: DC24V
- ◆ UL, CUL, CE, ROHS Approved

Dimensions of 70LED/m Version



Dimensions of 126LED/m Version

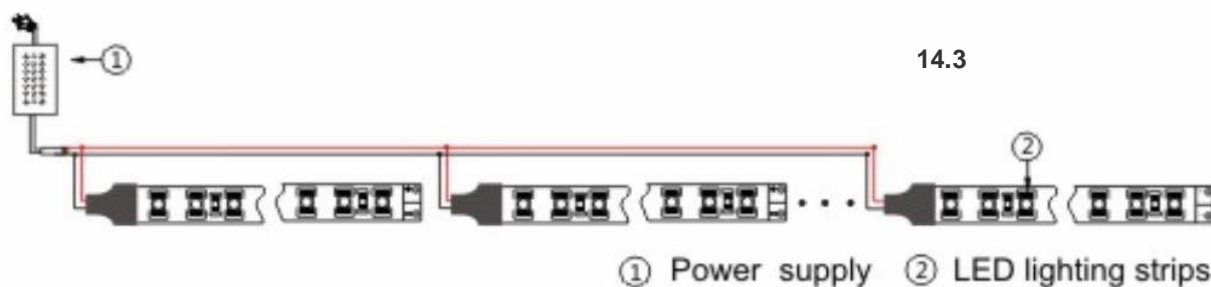


Unit: mm

Specifications

Model No.	LED Type	LED Qty (m)	Work Voltage	Power	PCB Size	Waterproof	CRI	Color	λ (Nm)/(CT:K)
F3020A35SA-W-24C	SMD3020	70	DC24V	15W/m	8mm	IP20	≥ 90	Warm White	2500-3100K
F3020A35SA-N-24C								Nature White	4000-4500K
F3020A35SA-P-24C								Pure White	6000-6500K
F3020C35SA-W-24C	SMD3020	70	DC24V	15W/m	8mm	IP67	≥ 90	Warm White	2500-3100K
F3020C35SA-N-24C								Nature White	4000-4500K
F3020C35SA-P-24C								Pure White	6000-6500K
F3020A63SA-W-24C	SMD3020	126	DC24V	22W/m	10mm	IP20	≥ 90	Warm White	2500-3100K
F3020A63SA-N-24C								Nature White	4000-4500K
F3020A63SA-P-24C								Pure White	6000-6500K

Connection drawings



Notice:

Before Application, please ensure correct input of Positive & Negative Pole, otherwise, the strips will be damaged

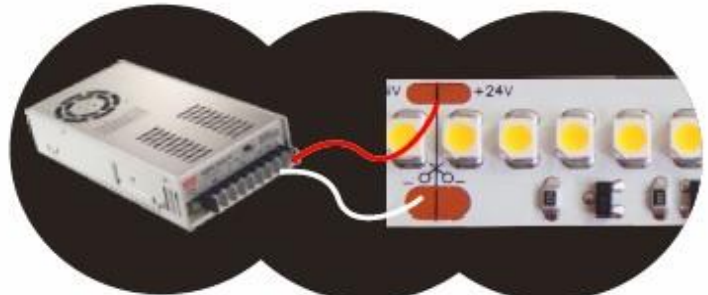
Features of Constant Current LED Strips

1

With Constant Current IC for each segment; no need of constant current driver. Normal DC24V constant voltage power supply is enough (This IC will convert DC24V to CC for the LED)



Constant Current IC



DC24V Constant Voltage Power Supply

Constant Current Strips

2

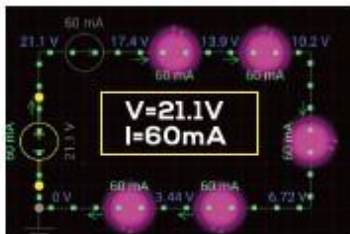
This Constant current strips is cuttable like the Constant voltage strips. No need to change power supply after cutting



Cutting Line

3

It is of same current with DC21V to DC30V input, such voltage drop won't affect the brightness uniform of the strips. (21-30V Input)



4

It is with temperature sensor, when the temperature of the strips gets higher, the current will go down to protect itself and ensure long life span.



54mA Current before heating



34mA Current when temperature get up



54mA Current when temperature get down back

Web: www.accentdesignconcepts.com e-mail: sales@accentdesignconcepts.com

5

Any DC24V Output PWM Control system or dimmer is suitable, such as RF, 0-10V, Dali, DMX512, etc.



DMX



RF



Dali

6

It can be made in 10m continuous length without brightness difference and color difference.

7

We have a full range of constant current strips of different brightness and power for your choice.