

Specification Sheet for SMD5630 Angle Adjustable LED Flexible Strips



Applications:

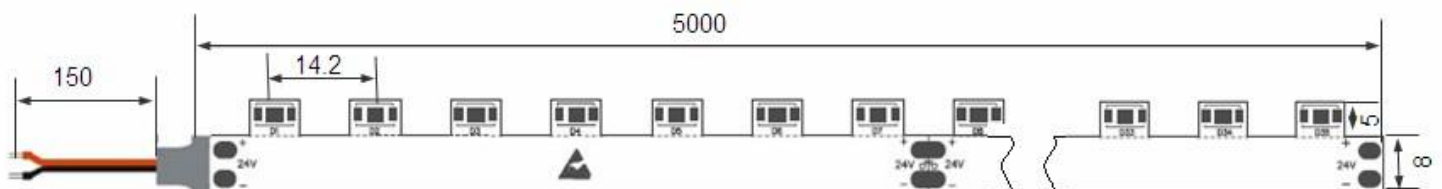
- ◆ Car decoration
- ◆ Architectural decorative lighting
- ◆ Archway, canopy and bridge edge lighting
- ◆ Auditorium walkway lighting
- ◆ Backlighting for signage letters
- ◆ Channel letter lighting

Product features:

- ◆ Constant Current Version
- ◆ For 10m length, no color and brightness difference between the first 5m and or last 5m.
- ◆ No need of special drivers, any DC24 driver will work with constant voltage.
- ◆ No need of special controller, normal controller will work.
- ◆ It can protect itself as well; when the strip temperature goes up, the current will go down to ensure safety.
- ◆ 120 degrees
- ◆ With self-adhesive tape on backside, 7LEDs a group
- ◆ Work Voltage: DC24V
- ◆ UL, CUL, CE, ROHS Approved



Dimensions Drawing



Specifications

Model No.	Color	LED Qty	λ (Nm)/(CT:K)	Luminous Flux	PCB Size (mm)	Work Voltage	Power	Water proof	CRI(Ra)
QL-F5630A35-W-24C-SG2-AG	☐ Warm White	SAMSUNG G 70/m	2700-3100K	1700-1800lm	5+8mm	DC24V	15W/m	IP20	≥80
QL-F5630A35-N-24C-SG2-AG	☐ Nature White		4000-4200K	1800-1900lm					
QL-F5630A35-P-24C-SG2-AG	☐ Pure White		6000-6500K	1900-2000lm					

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Model No.	Color	LED Qty	λ (Nm)/(CT:K)	Luminous Flux	PCB Size (mm)	Work Voltage	Power	Water proof	CRI(Ra)
F5630A35SA-W-24C-AG	☐ Warm White	70/m	2500-3100K	1400-1450lm	5+8mm	DC24V	15W/m	IP20	≥90
F5630A35SA-N-24C-AG	☐ Nature White		4000-4500K	1500-1550lm					
F5630A35SA-P-24C-AG	☐ Pure White		6000-6500K	1550-1650lm					

Notice:

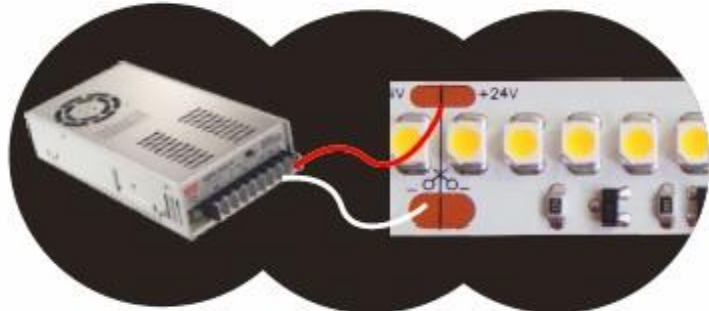
Before application, please make sure the power supply is in accordance to the strips

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

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.