SHINESKY
Specialized LED strip Manufacturer
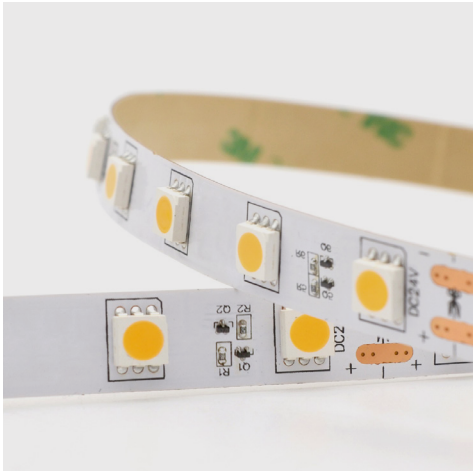
Model: SK–ST5Q60V24–CCx

10M SUPER LENGTH CC LED STRIP

SMD
5050

Product Features

Constant current technology protects each LED against voltage drop, keeping same brightnees from the beginning to the end; just feed on one supply saved much on installation; Max Length 50M in one Roll;

— Using top tpistar 2835 with high lumen, pure copper 3oz PCB for good heat;

— Built−in constant current IC with temperature sensing function;

— 10/15/20M on one supply by constant voltage driver;

— IP65/IP67/IP68 rating by silicone extrusion machine, perfect appearance and no color shift;

— Dimmable, easy cutting and soldered;
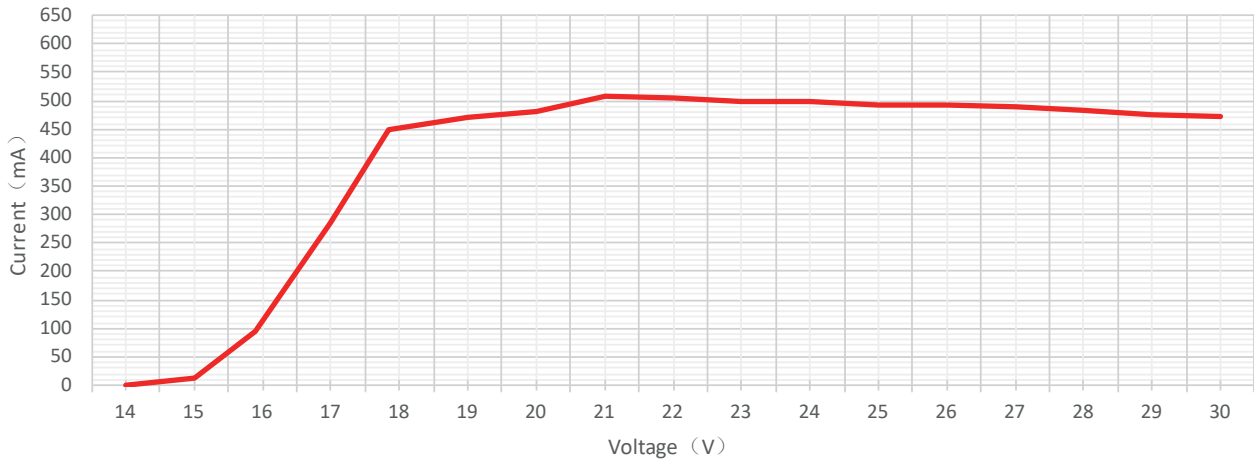
Structure & Parameter
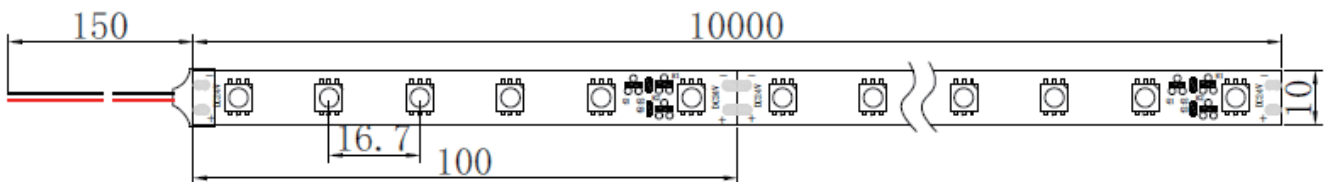
Optical Parameter

Model No.	SK-ST5Q60V24-CCx
Input voltage	DC 24V
Power/m	12w
Max current / LED	50mA
CRI(Ra)	>80Ra
Color temperature	2700~6000K
Lumen / m	1260-1320LM/m

Basic Parameter

LED Q'ty/m	60/m
SMD Type	5050
Working hour	50000h
Warranty	5years
Working temperture	-20℃~+45℃
Minim cuttable length	100mm
PCB Width	10mm

Voltage & Current Curve

Note: This curve is tested when the IP20 1M LED Strip is under thermal stability after 2h continuous working in 15℃ room temperature.
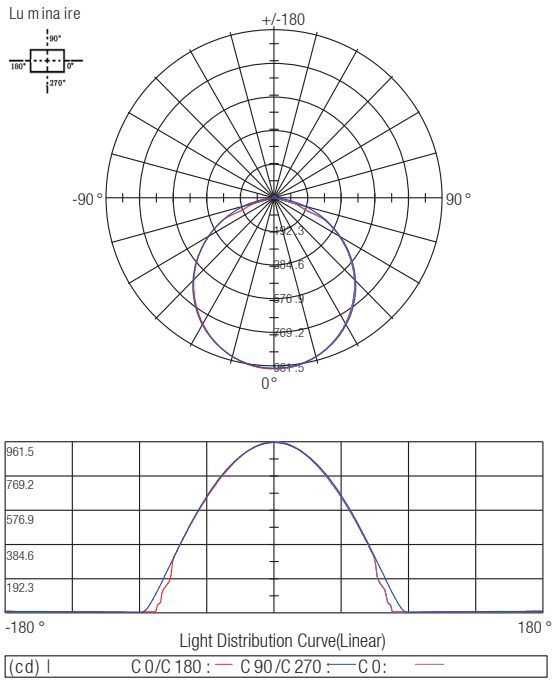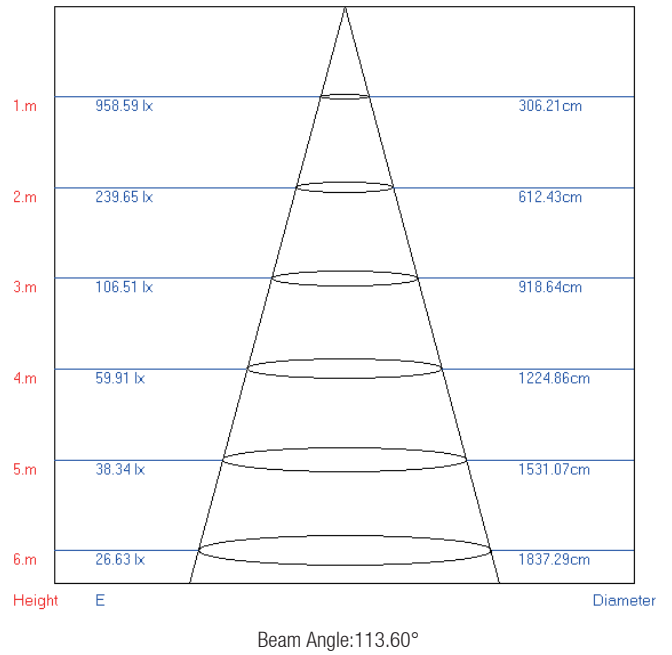
Temperature & Current Curve
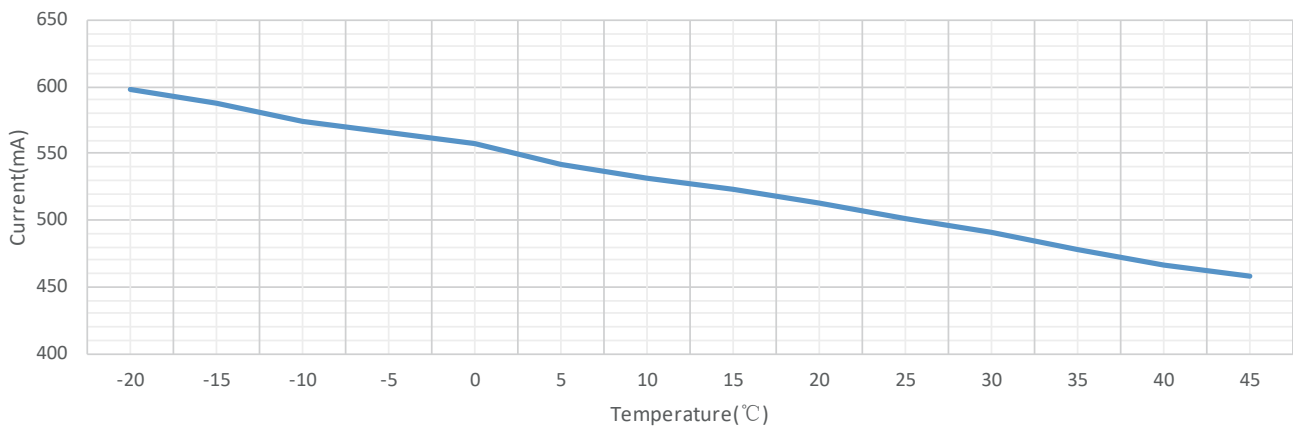
Note: This curve is test data of 1M LED Strip.

Light Distribution Curve [Unit: cd]
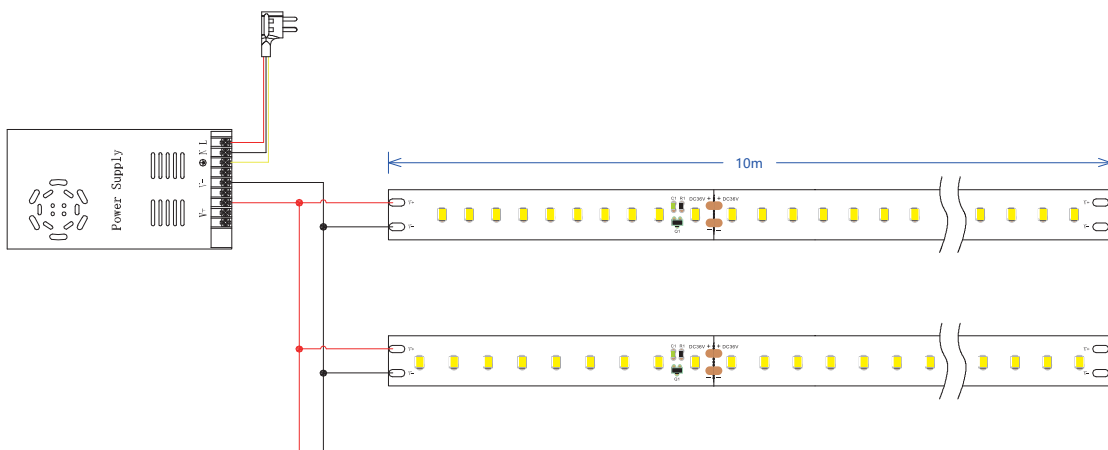
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+/-180

-90° 90°

142.3
384.6
576.9
769.2
961.5

0°

| 961.5 |
| 769.2 |
| 576.9 |
| 384.6 |
| 192.3 |

-180° 180°

Light Distribution Curve(Linear)

(cd) l   C 0 /C 180 :   C 90 /C 270 :   C 0 :

Lux–Distance Curve

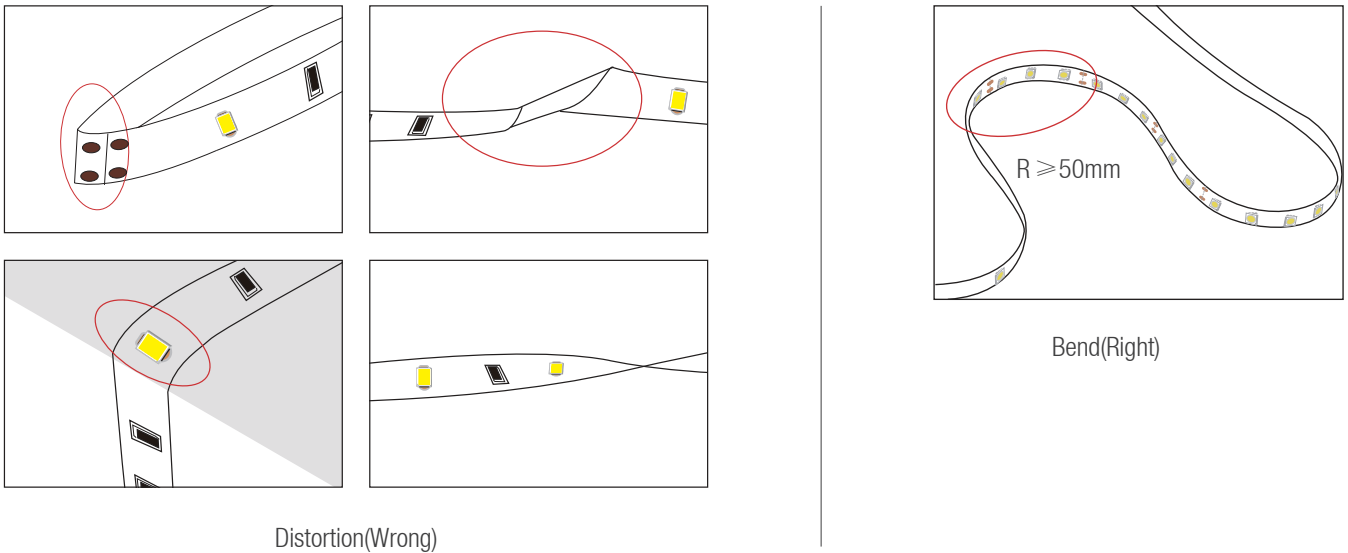| Height	E		Diameter
1.m	958.59 lx		306.21cm
2.m	239.65 lx		612.43cm
3.m	106.51 lx		918.64cm
4.m	59.91 lx		1224.86cm
5.m	38.34 lx		1531.07cm
6.m	26.63 lx		1837.29cm

Beam Angle:113.60°

Wiring Diagram

10m

⚠ Cautions

When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.

Distortion(Wrong)

R ≥ 50mm

Bend(Right)

➤ LED strips are low votage products,you must use the power supply(transformer).Please don,t connect the led strip directly to the AC 110v or AC 220v,otherwise it will burn out the LED strips.

➤ Clean up the installation surface,it will ensure the reliability of the adhesive,The electrical connection process must be operated by a professional person.

Package

LED Strip

Anti-static bag