

# Specification

## LED Strip Lights

Series      3527 Strip Lights

Version     1.0

Date        2011/09/26

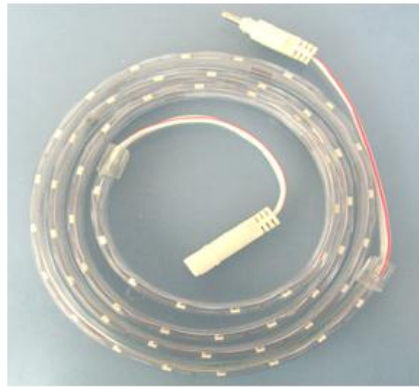
## Introduction

### 3527 LED Strip Lights

The LED Soft Strip lights are designed by using the surface mounted LEDs on a flexible PCB board with a viewing angle greater than 120 degree. The LED lights are uniformly distributed with three LEDs in each perforated portion, and each group can be cut for length requirement.

The LED Soft Strip lights are available in all kinds of colors for different decoration usage.

Its voltage is DC12V for safety usage.



CE RoHS

#### Features:

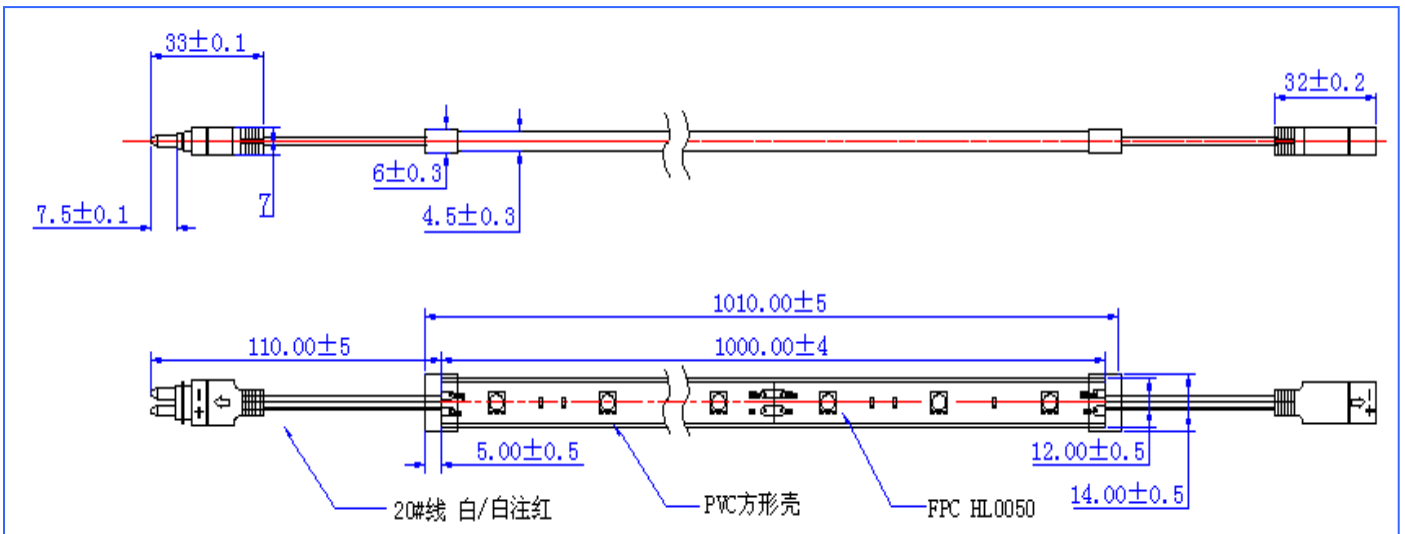
- ☀ Adopt FPC as substrate
- ☀ Water transparent PVC as shell - Easy to bend and install.
- ☀ High brightness SMD LED as light source with a 120 degree viewing angle.
- ☀ Different colors available: Pure white, cool white, red, green, blue, yellow, RGB color, etc.
- ☀ Any length of 5 meters or below.
- ☀ Input Power: DC12V.
- ☀ Can be cut or connect to the longest length of 10 meters
- ☀ Unique waterproof connector for outdoor usage.
- ☀ Environment protection, Saves 80% more energy than the traditional light. Life span of 50000 hours.

#### Application:

- ☀ Architecture, Corridor, Aisle
- ☀ Sign, Backlighting
- ☀ Hotel, KTV, Decoration
- ☀ Exhibition decoration, Household



Dimension (1m)



Parameters:

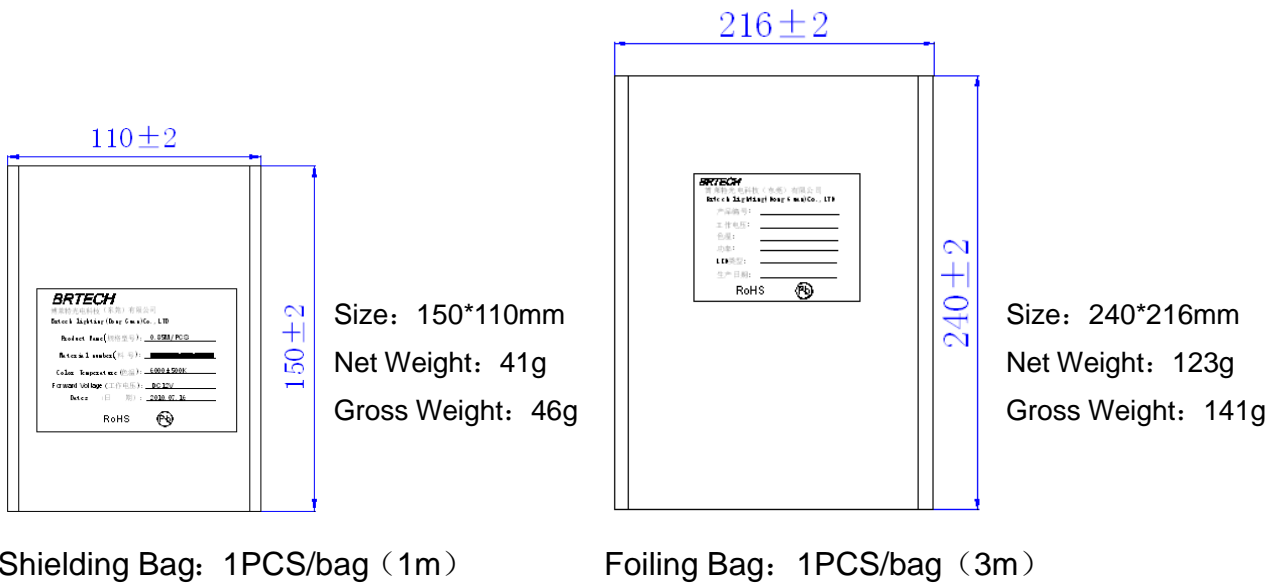
Part number	Color	Angle	CCT (K) / (nm)	LED Brightness (mcd)
				Average
STR1060005CE01	Cold White	120°	5450~6600K	2200
STR1060005ND01	Natural white	120°	3920~4600K	2200
STR1060005WD01	Warm white	120°	2760~3160K	1500
STR1060005RA01	Red	120°	620~630nm	170
STR1060005GD01	Green	120°	520~535nm	900
STR1060005BA01	Blue	120°	460~470nm	210
STR1060005YA01	Yellow	120°	585~597nm	150

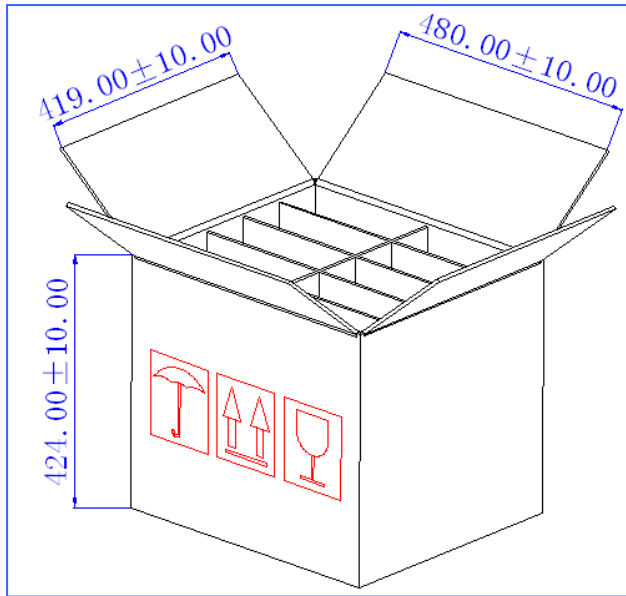
Main Items

Voltage	DC 12V
Current	400mA/m
Power	4.8W/m
LED Type	SMD3527
LED Qty	60PCS/m
Life	50,000hr
Temperature	-20~55°C
Humidity	≤90%
Material	PVC/FPC
Dimension	1010*12*6mm (1m, without connector)
Weight	41g (1m)

Package

1. Inside Package (5pcs fitter for each 1 meter):



**2. Outer Box:**

Size: 480\*419\*424mm

Qty: 100 PCS

Gross Weight: 6.6Kg (1m)

16.1Kg(3m)

**Cautions:**

1. Please check the correct input and output of the switching power before the installation.
2. Under the cold temperature, the LED strip can be powered up for a few minutes first as this can soften the strip. The user will then be able to bend the strip, then power it off.
3. The strip should be bended in less than a 90 degree angle; otherwise the LED may not be lit due to the broken LED solder pad.
4. Please do not power up during the installation. The LED strip should be lit up until the installation is completely finished.
5. Please do not hit or force the strip when installing or using the strip.
6. Please do not install the strip inside the water directly or any situation that can easily cause fire or explosion.
7. Do not tie the strip with metal material when installing. Please avoid any external metal material inside the strip which may cause short circuit of the strip.
8. Non-waterproof strip or PVC tube strip are more proper to use for indoor. Silicone cover can be used for indoor or outdoor.
9. When the silicone cover strips are used for outdoor, please make sure the power supply is installed in an indoor or dry environment.

**Note: Specifications are subject to change without notice. Any question, please contact us directly.**

**Revision History:**

Description:	Revision #	Revision Date
New Release of STR1060005XX01 Series	V1.0	09/26/2011

  
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