



PRODUCTS SPECIFICATION

5050 SMD LED FLEX STRIP :(DC12V)

(Crystal series)

For LD30 5050

Made by	Checked by	Version
Mustafa	Lucy	2009.2.4



IP68

5050 SMD FLEXIBLE STRIP introduction

Features:

Available in 12V DC maximum

Very bright & low power consumption

Operating temperature: -20°~50 °

Long life span LED lights, more than 50,000 hours+.

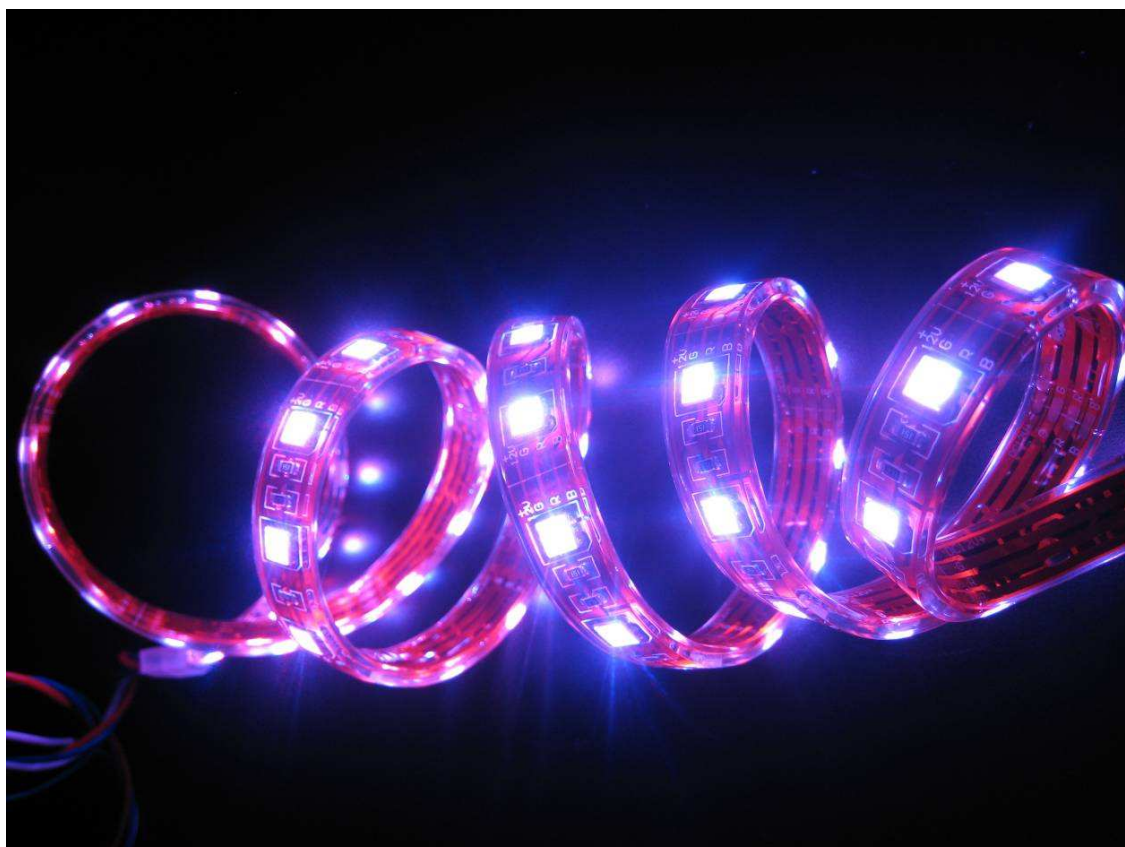
Adhesive back, peel& stick!

Dedicated controller (DC12)

Water-proof, IP68.

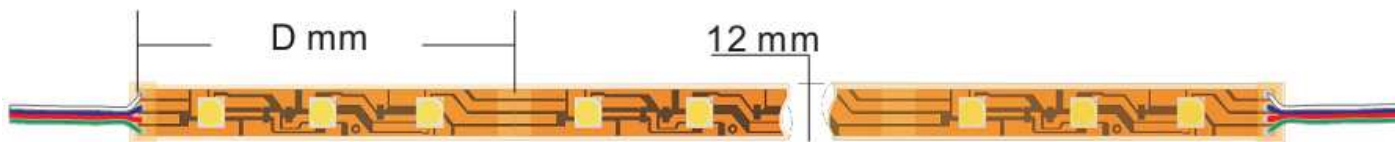
Applications:

Ideal for sign letters and channel letters, concealed lights, room lighting, equipment.



Assembly drawing

Top View



Section



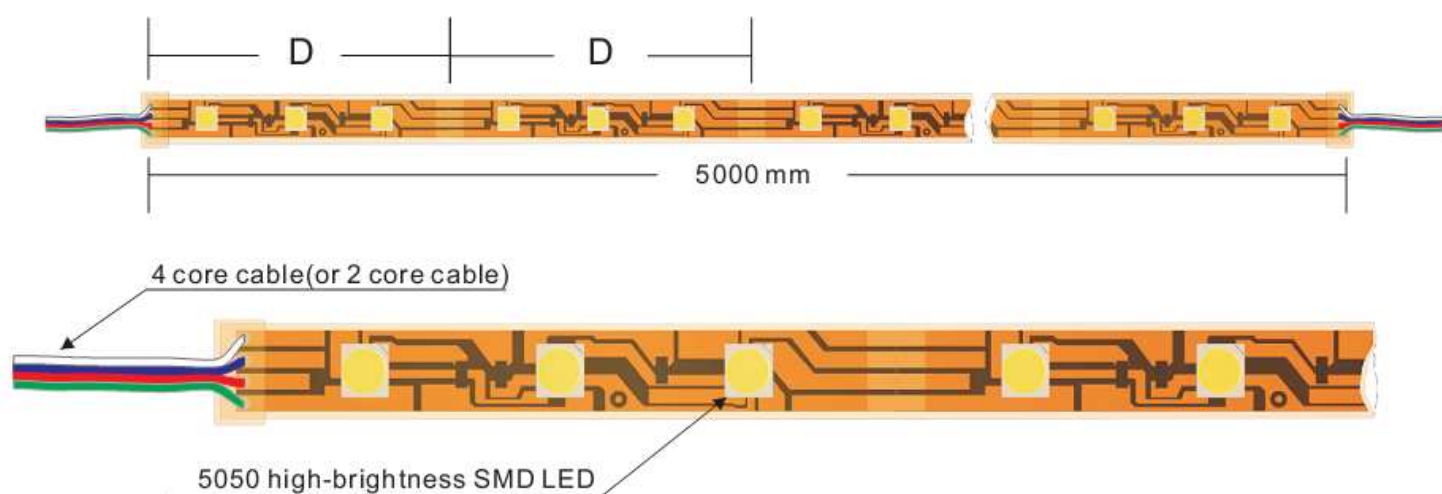
View Angle: 120degrees

Operation Temperature:-20°C~50°C

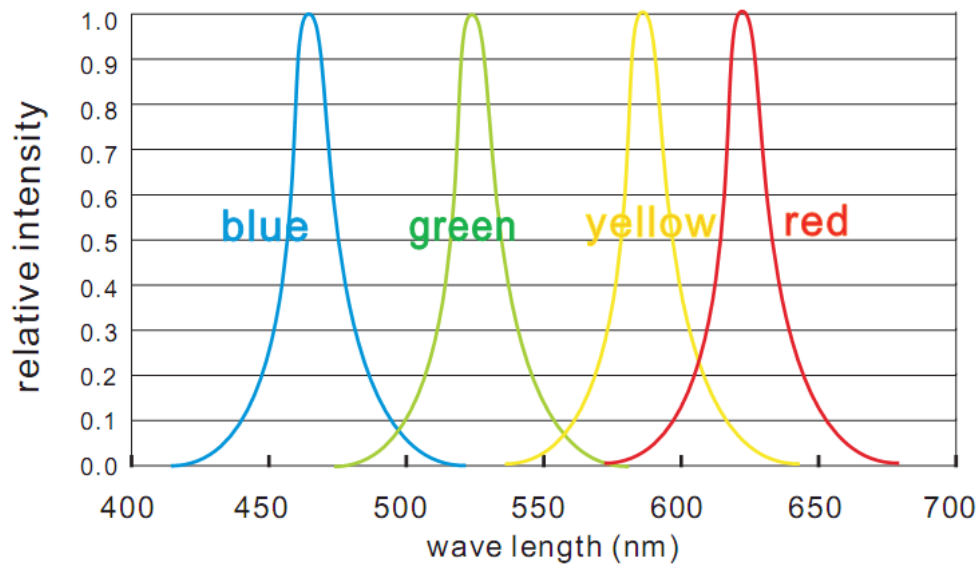
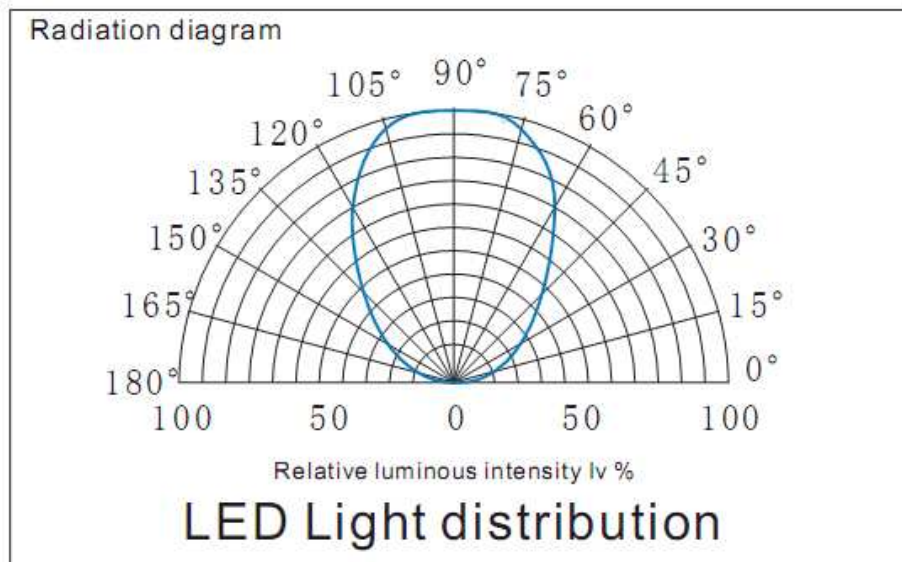
Store Temperature:-30°C~80°C

Package: 5 meter strip in one reel, one reel in one anti-static bag, 25 bags put into one carton.

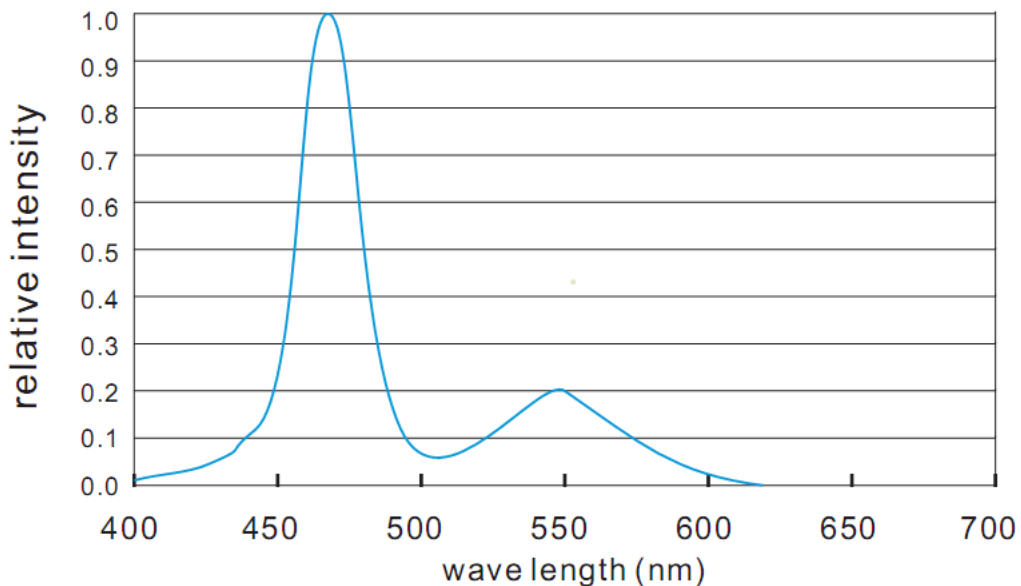
5050 Crystal series: 30/60LED/Meter



Part Number	Emitting Color	LED qty per meter	lumens per meter (lumens)	size (mm)	Voltage (V DC)	Current (Amps/ meter)	Max. power consumption (watts/ meter)	viewing angle (degree)	IP rated
LD30-R5050-R	Red	30	180	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-Y	Yellow	30	180	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-B	Blue	30	225	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-G	Green	30	360	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-W	White	30	585	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-WW	Warm White	30	540	1000x10x2	12	0.6	7.2	120	IP20
LD30-R5050-RGB	RGB	30	R:60 G:120 B:75	1000x10x2	12	0.6	7.2	120	IP20
LD30-RW5050-R	Red	30	180	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-Y	Yellow	30	180	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-B	Blue	30	225	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-G	Green	30	360	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-W	White	30	585	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-WW	Warm White	30	540	1000x12x4	12	0.6	7.2	120	IP68
LD30-RW5050-RGB	RGB	30	R:60 G:120 B:75	1000x12x4	12	0.6	7.2	120	IP68



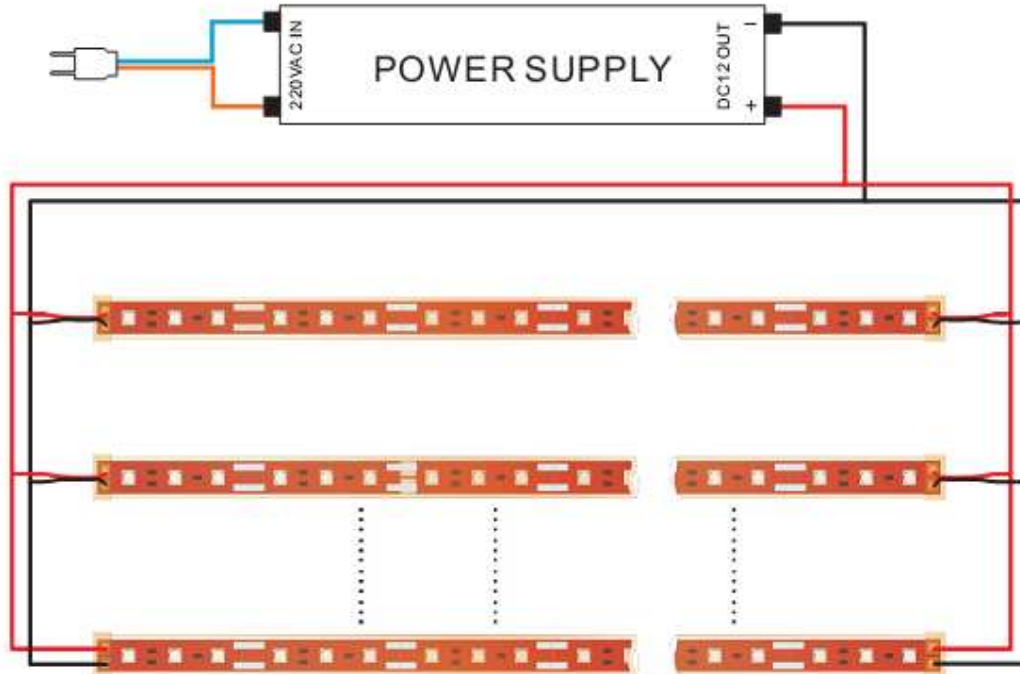
for: red, blue, green, yellow



for: white LED

How to connect flexible strip

Below shows you how to connect the flexible strip (single color) to power supplies.



Below shows you how to connect the flexible strip (RGB) to power supplies.

