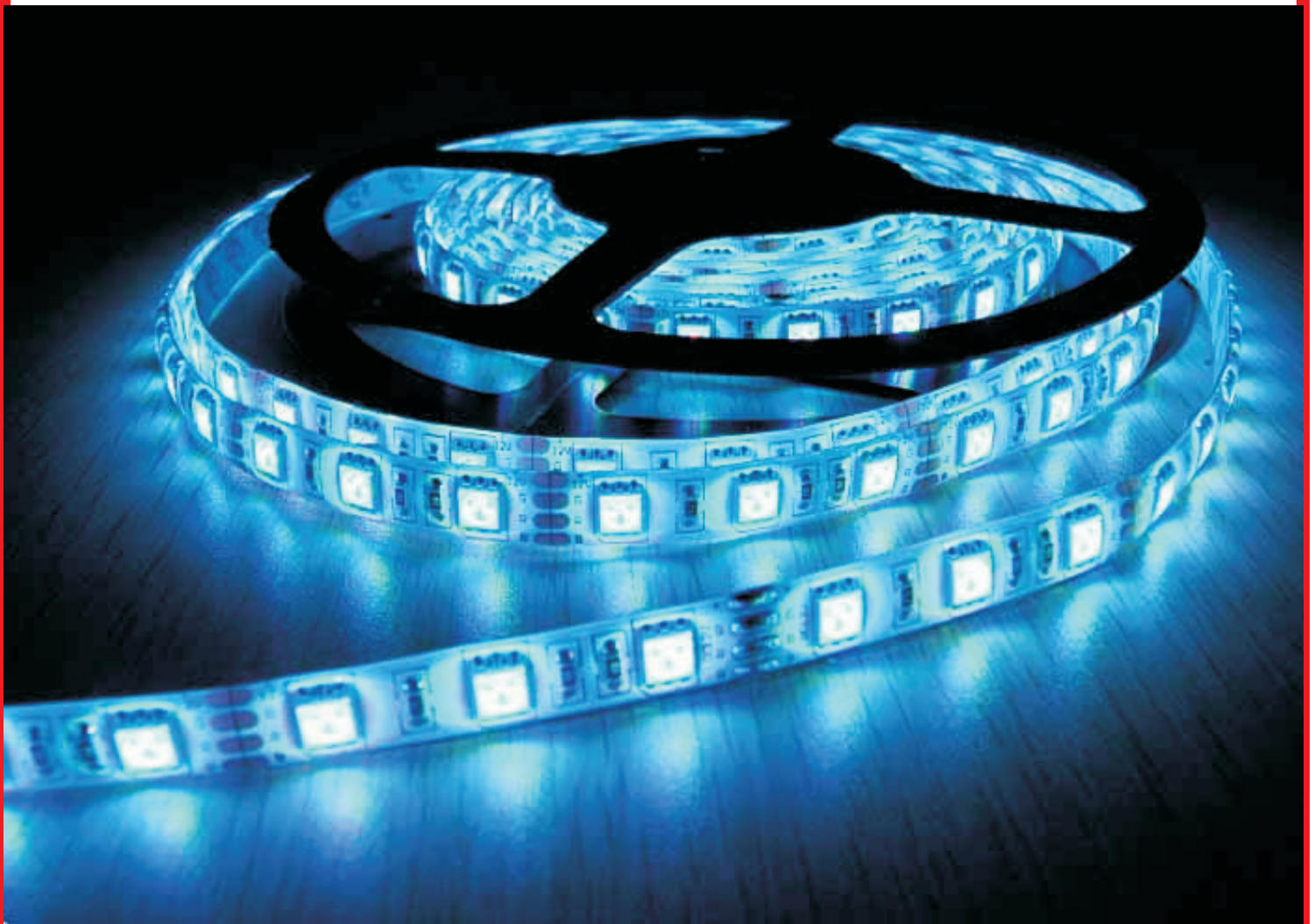
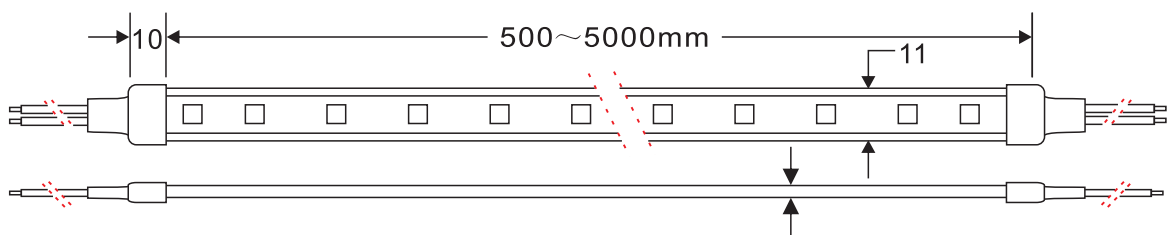
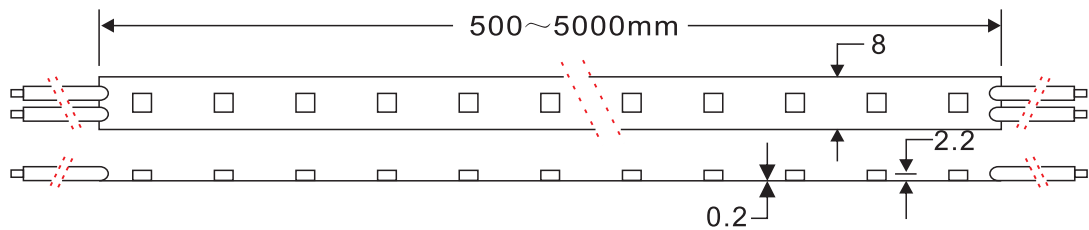
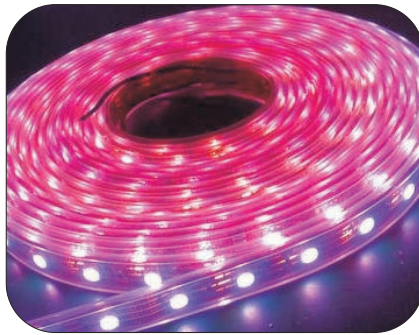
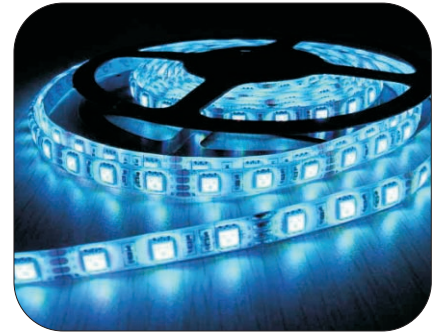
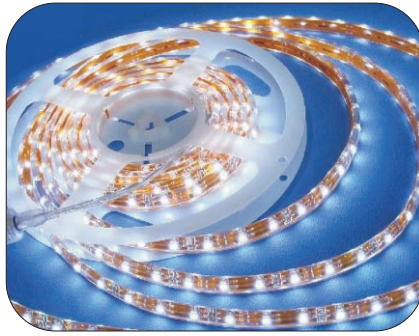
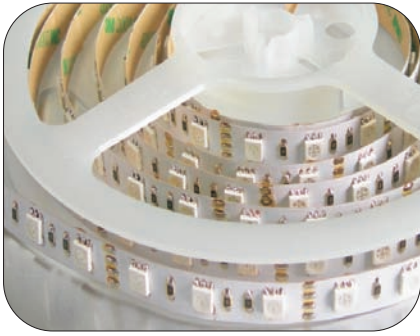


LED Strip light specifications



5050SMD

1- Pictures and size of 5050 LED Strip



2- Color Options for 5050 LED Strip

Cool White	Normal White	Warm White	Amber	Red	Green	Blue	Yellow	Orange	Violet	Purple	RGB	RGB plus one color	Cool white Warm white	Running RGB
CW	NW	ww	A	R	G	B	Y	O	V	P	RGB	RGB+ CW/WW	CW+WW	LED fake Symphony of Lights
6000-6500K	4100-5000K	2700-3500K	600-605nm	620-625nm	518-521nm	468-471nm	588-590nm	603-606nm	400-405nm	500-550nm	----	----	4000-5000K	----

3- Colors and width of PCB board, quantity of SMD for 3528 LED strip

PCB Color \ PCB Width Quantity of SMD	10MM	12MM
	White PCB	30LED.60LED. 48LED
Yellow PCB	30LED.60LED. 48LED	54LED (running RGB)
Black PCB	30LED.60LED.	54LED (running RGB)

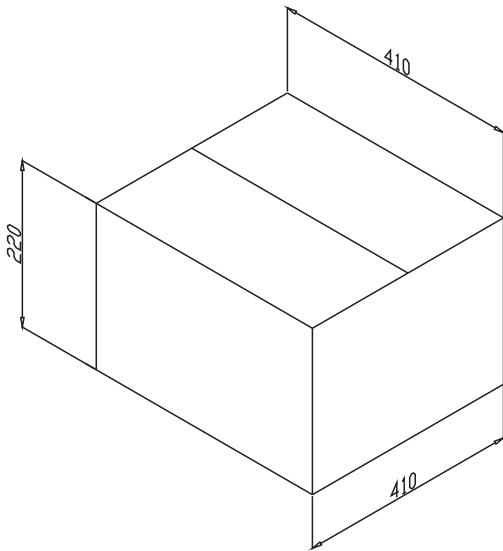
4 - Optional IP rates for 5050 LED strip

non waterproof (IP20)	F1 (IP65)	F2 (IP54)	F3 (IP65)	F5 (IP68)
Naked PCB (indoor only)	PVC tube U form covered with silicon	Glue on the surface	PVC tube no glue inside	Waterproof tube fulfilled with silicon

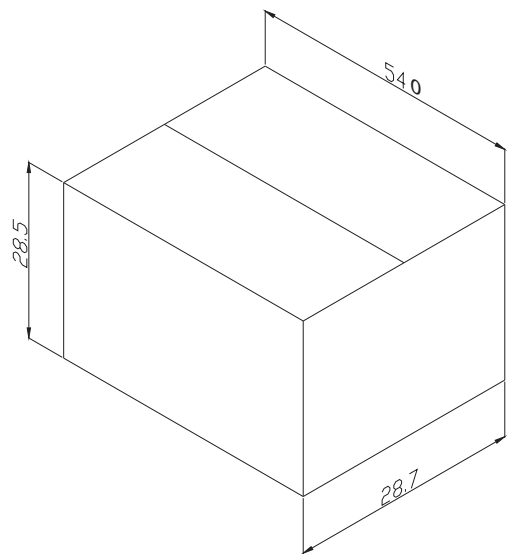
5 - Options of the wires on both sides of the strip

RGB single wires	4-core RGB insulation wires	Transparent 4-core waterproof DC wires	5.5*2.1 black male and female insulation wires	SM4P male and female wires	Double insulation wires	Transparent 2-core waterproof DC wires	Black male and female doublings	Black and red single wires (single color only)
White 4-core waterproof RGB wires	RGB 4-pin male and female connector	Running RGB 10 loops male and female connector	Red and black doublings	Red, green, blue and black doublings	Dual bamboo joint like doublings			

6 - Normal packages of 5050 LED strip

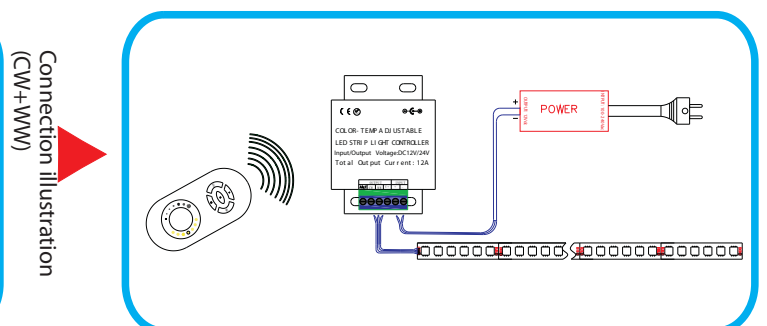
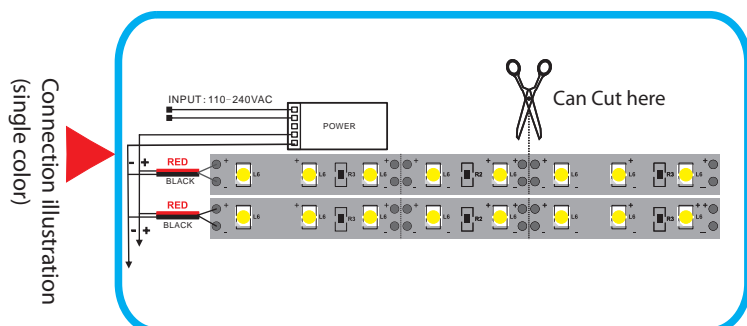
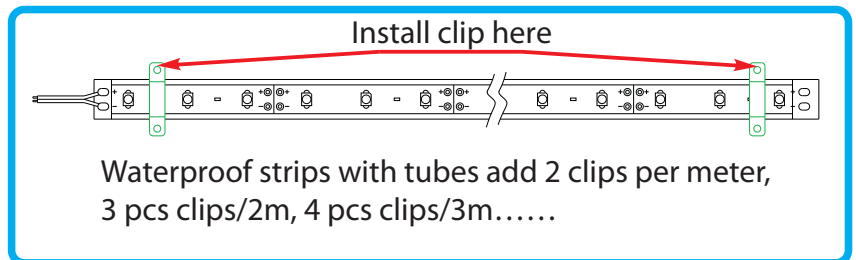
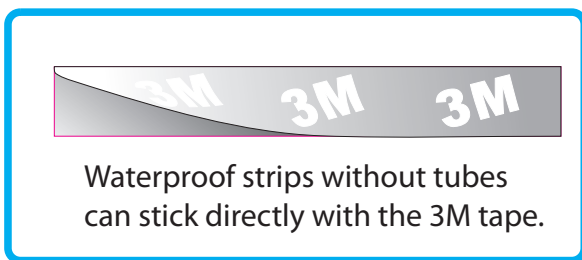


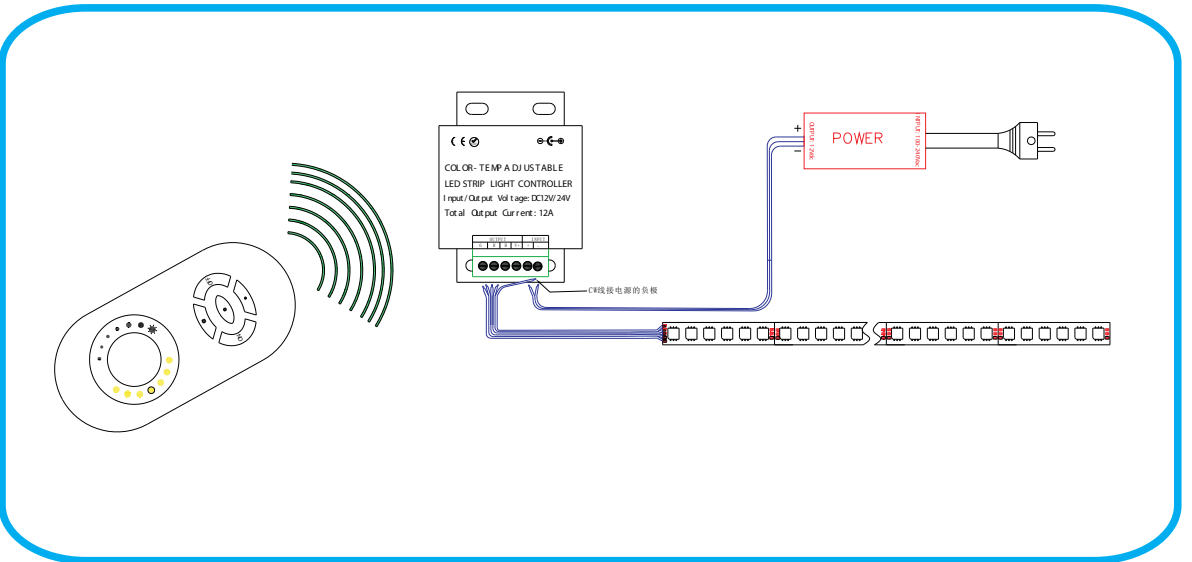
This carton: 50 reels/carton,
5m/reel, 250m in total



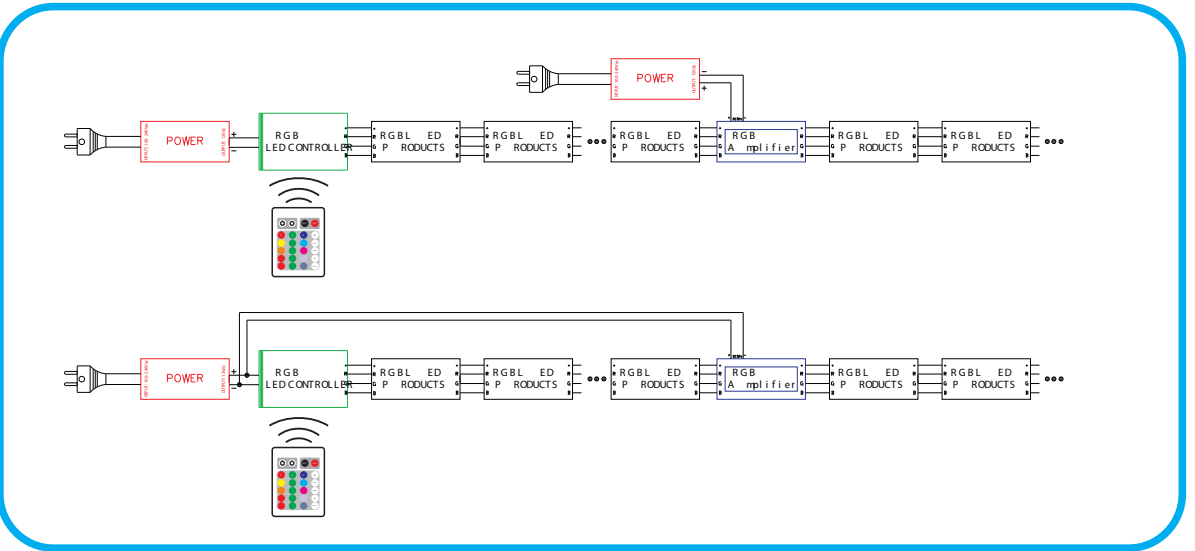
This carton: 60 reels/carton,
5m/reel, 300m in total

7 - Normal installation and connection of 5050 LED strip

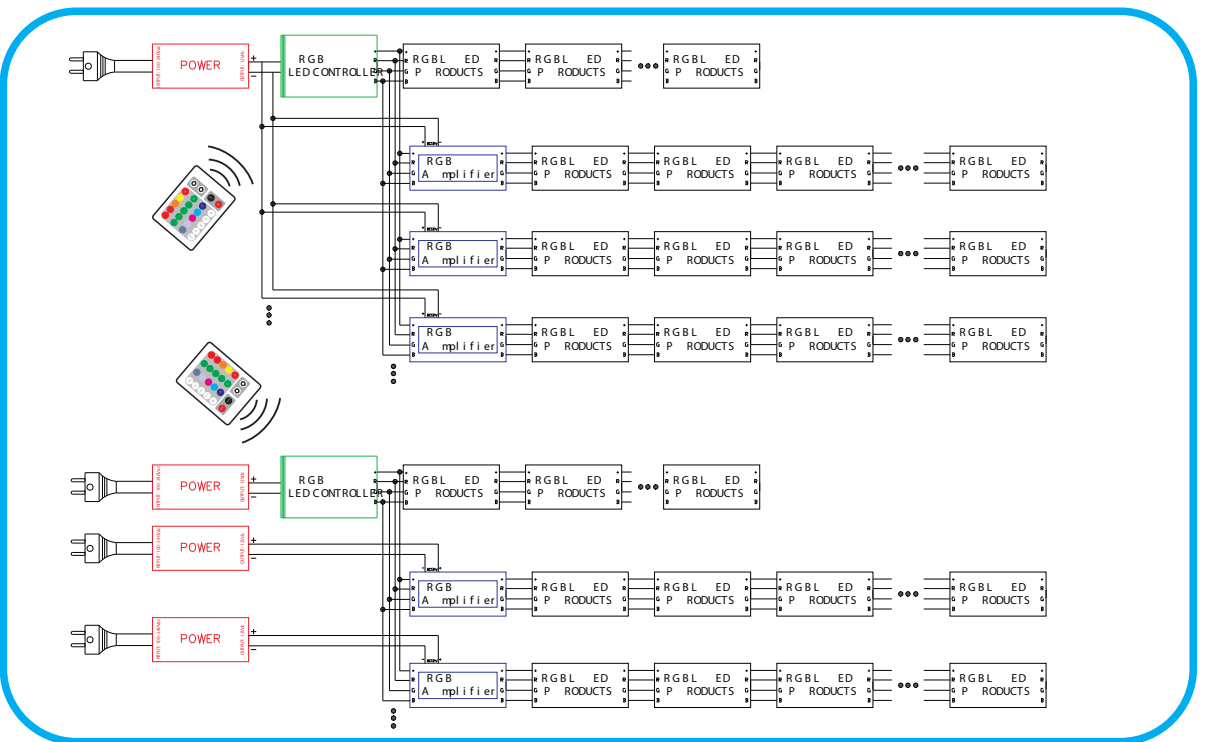




Connection illustration
(RGB+CW/MW)



Connection solutions
to common RGB strip



Two options for
RGB strip+ controller
+ amplifier

8 - Parameters for common types

Composition of the models

EL	-	8	W	30	CW	F2	-	50	-	12V
Abbreviation of company name	-	width of PCB	Color of PCB (W stands for white)	Quantity of SMD	Color of light	IP Rate	-	Model of light source(50 stands for 5050)	-	Voltage of the strip

Parameters for LED strip with common brightness

Model	Lumens per meter	Current per meter	Working voltage	Normal resistors	Power per roll(5m)	Voltage drop from beginning to the end(5m)
FL-10W30CW-50-12V	336.5LM	0.65A	12V	24R	28.3W	1.9V
FL-10W30NW-50-12V	315.2LM	0.65A	12V	24R	27.6W	1.7V
FL-10W30WW-50-12V	287.8LM	0.65A	12V	24R	27.3W	1.83V
FL-10W30R-50-12V	98.3LM	0.6A	12V	43R	26W	1.84V
FL-10W30G-50-12V	186.5LM	0.61A	12V	24R	26.2W	1.68V
FL-10W30B-50-12V	97LM	0.6A	12V	24R	26W	1.7V
FL-10W30Y-50-12V	96.8LM	0.6A	12V	43R	26W	1.6V
FL-10W60CW-50-12V	720LM	1.01A	12V	24R	33W	1.84V
FL-10W60NW-50-12V	680LM	1.08A	12V	24R	32.3W	1.9V
FL-10W60WW-50-12V	650LM	1.02A	12V	24R	34.5W	1.8V
FL-10W60R-50-12V	167LM	0.98A	12V	43R	32.1W	1.8V
FL-10W60G-50-12V	320LM	0.97A	12V	24R	32W	1.7V
FL-10W60B-50-12V	98LM	0.98A	12V	24R	32.5W	1.7V
FL-10W60Y-50-12V	167LM	0.98A	12V	43R	32W	1.7V
FL-10W60RGB-50-12V	210LM	1.14A	12V	R=271R G、B=121R	42W	2.1V
FL-10W30RGB-50-12V	124LM	0.58A	12V	R=271R G、B=121R	27.5W	2.1V
FL-10W60CW-50-24V	731LM	0.59A	24V	27R	34.3W	2.1V
FL-10W60WW-50-24V	677LM	0.57A	24V	27R	34.3W	2.1V

Parameters for LED strip with super brightness

Model	Lumens per meter	Current per meter	Working voltage	Normal resistors	Power per roll(5m)	Voltage drop from beginning to the end(5m)
FL-10W30CW-50-12V	810LM (使用1.2W光源)	0.94A	12V	12R	56W	1.9V
FL-10W30CW-50H-12V	545LM	0.73A	12V	24R	32.1W	1.9V
FL-10W30WW-50H-12V	525LM	0.74A	12V	24R	31.8W	1.9V
FL-10W60CW-50H-12V	1056LM	1.35A	12V	24R	41.9W	1.9V
FL-10W60WW-50H-12V	1018LM	1.34A	12V	24R	40.7W	1.9V

The parameters listed above are got from real tests at present.
They will be renewed with the development of the products. The data are just for reference.