



LED STRIP SPECIFICATION

LY8808B SPI Addressable LED Strip



Note: LEDYI may change product specifications and installation guidance without prior notice.



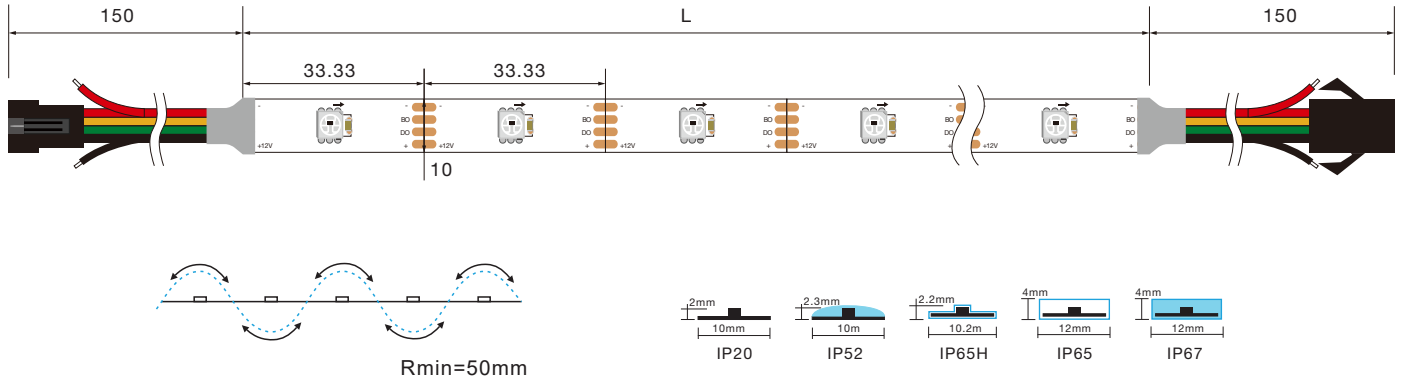
Product Features:

1. Single-flow, gradient, chase, scan and other full-color effects.
2. Splicing to achieve text movement and video animation and other dynamic effects.
3. Can be bend and cut, can achieve a certain curvature and length of the modeling screen.
4. Built-in IC, 1 pixel 1 LED, individual controlled, can be made into high-density high-definition display.
5. Dual Data Line enables the signal resume at breakpoint function, ensuring continuous operation despite individual LED failures.

Product List

Model	Compatible Protocol	Data Line	Pixel/M	LEDs/M	Voltage	W/M	Cut Length	Page
LY30-P30-8808B-5050RGB-W12	GS8208/WS2815	Dual	30	30	12VDC	4	33.33mm	2
LY48-P48-8808B-5050RGB-W12	GS8208/WS2815	Dual	48	48	12VDC	6.4	20.83mm	3
LY60-P60-8808B-5050RGB-W12	GS8208/WS2815	Dual	60	60	12VDC	8	16.66mm	4
LY72-P72-8808B-5050RGB-W12	GS8208/WS2815	Dual	72	72	12VDC	9.6	13.88mm	5
LY96-P96-8808B-5050RGB-W12	GS8208/WS2815	Dual	96	96	12VDC	12.7	10.41mm	6
LY144-P144-8808B-5050RGB-W12	GS8208/WS2815	Dual	144	144	12VDC	19	6.94mm	7

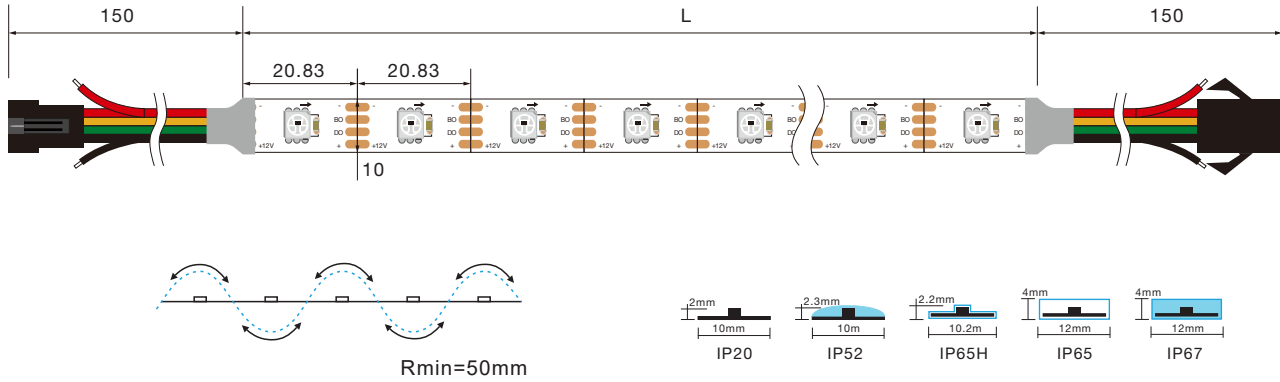
Dimension Structure



Product Parameter

Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	30	30	12VDC	1.33	R	34.5	25.94
							1.33	G	90	67.67
							1.33	B	25.5	19.17
							4	RGB	150	37.50

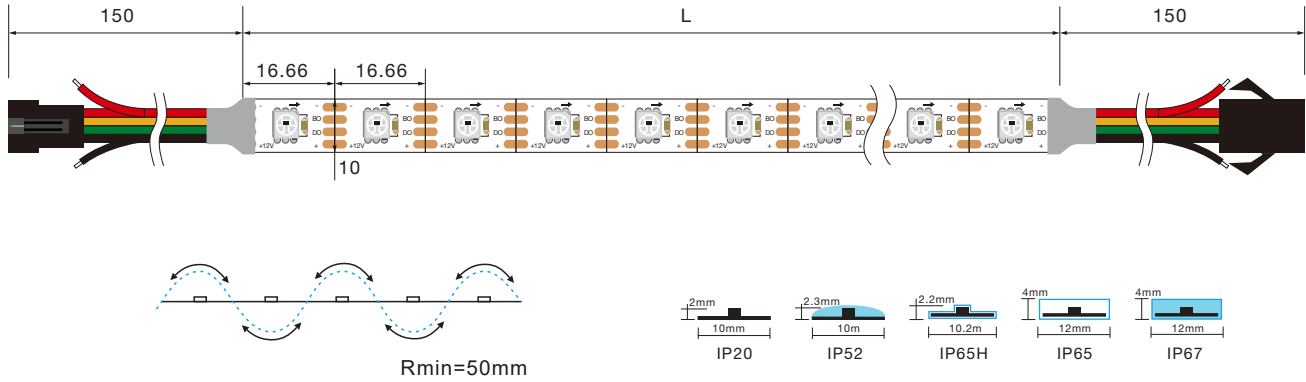
Dimension Structure



Product Parameter

Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	48	48	12VDC	2.13	R	55.2	25.92
							2.13	G	144	67.61
							2.13	B	40.8	19.15
							6.4	RGB	240	37.50

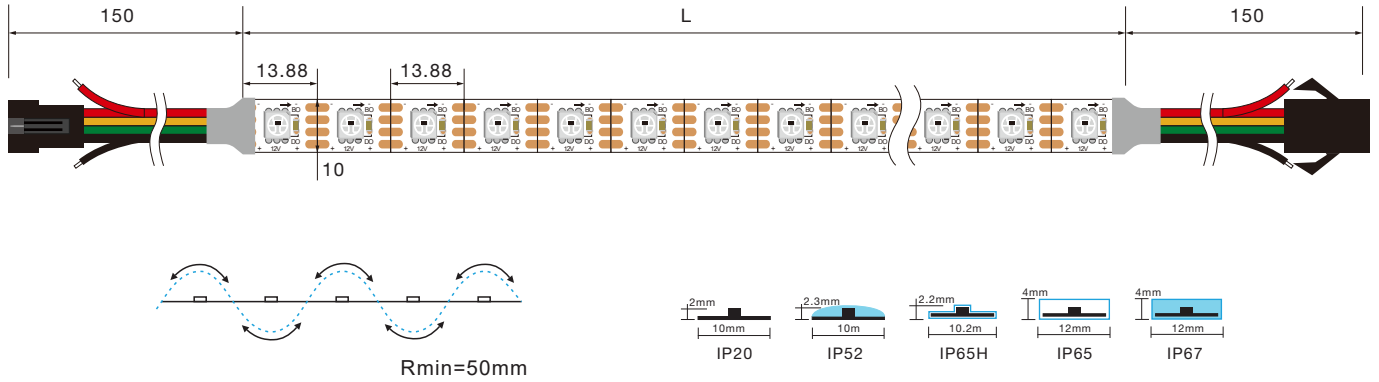
Dimension Structure



Product Parameter

Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	60	60	12VDC	2.66	R	69	25.94
							2.66	G	180	67.67
							2.66	B	51	19.17
							8	RGB	300	37.50

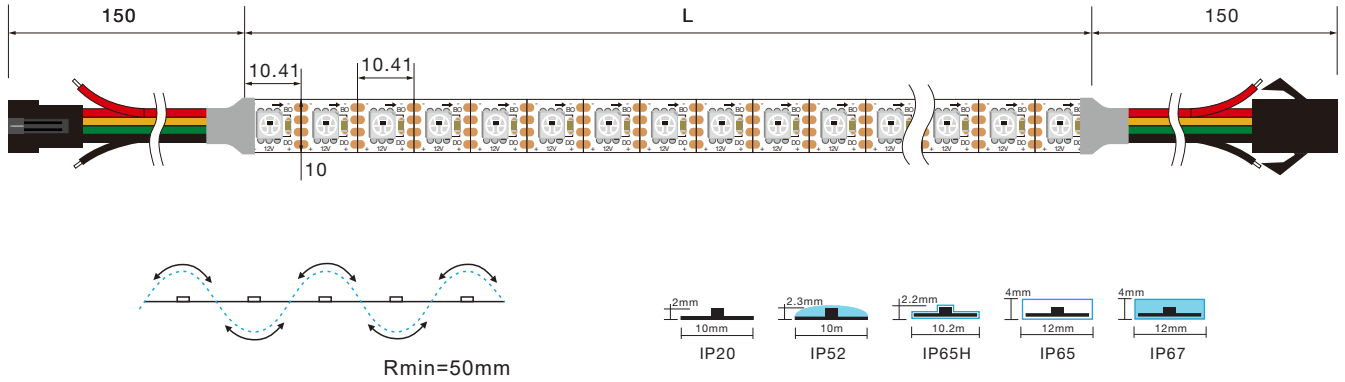
Dimension Structure



Product Parameter

Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	72	72	12VDC	3.2	R	82.8	25.88
							3.2	G	216	67.50
							3.2	B	61.2	19.13
							9.6	RGB	360	37.50

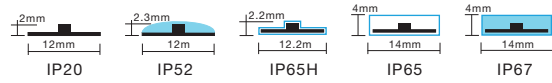
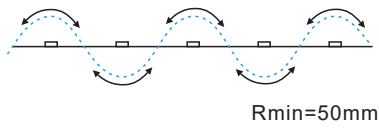
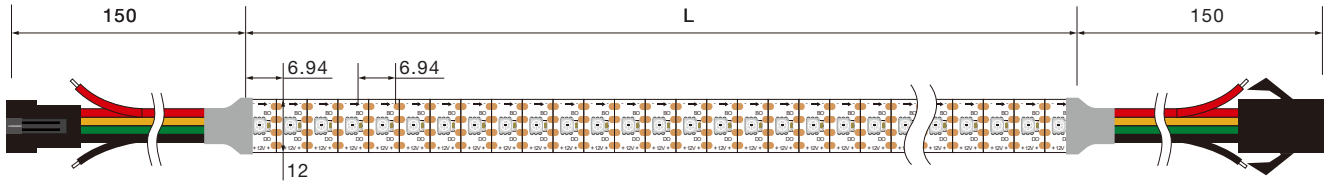
Dimension Structure



Product Parameter

Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	96	96	12VDC	4.23	R	110.4	26.10
							4.23	G	288	68.09
							4.23	B	81.6	19.29
							12.7	RGB	480	37.80

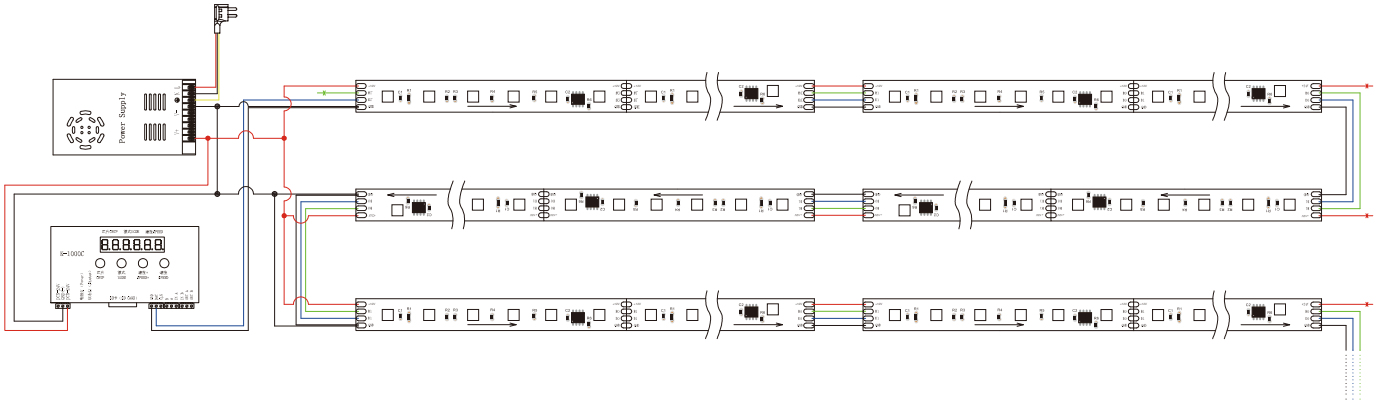
Dimension Structure



Product Parameter

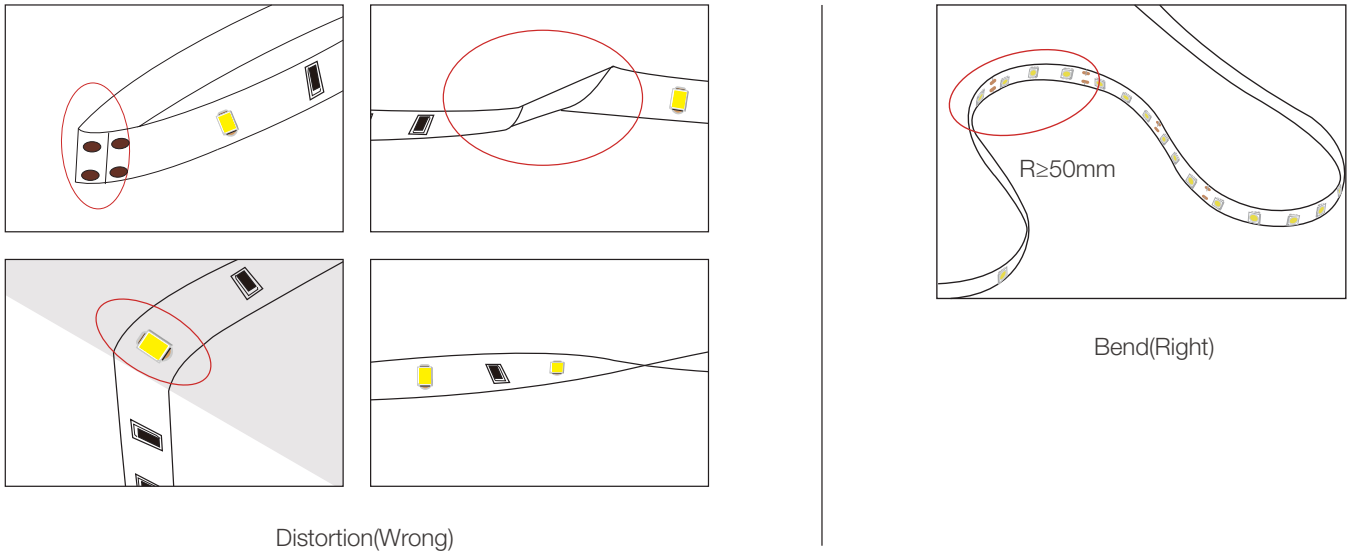
Signal Type	Compatible Protocol	IC	Data Line	LED/M	Pixel/m	Voltage	W/M	CCT/Color	LM/M	LM/W
SPI	GS8208 WS2815	Built-in	Dual	144	144	12VDC	6.3	R	165.6	26.29
							6.3	G	432	68.57
							6.3	B	122.4	19.43
							19	RGB	720	37.89

Connection diagram- SPI (Dual data cable)



⚠ Cautions

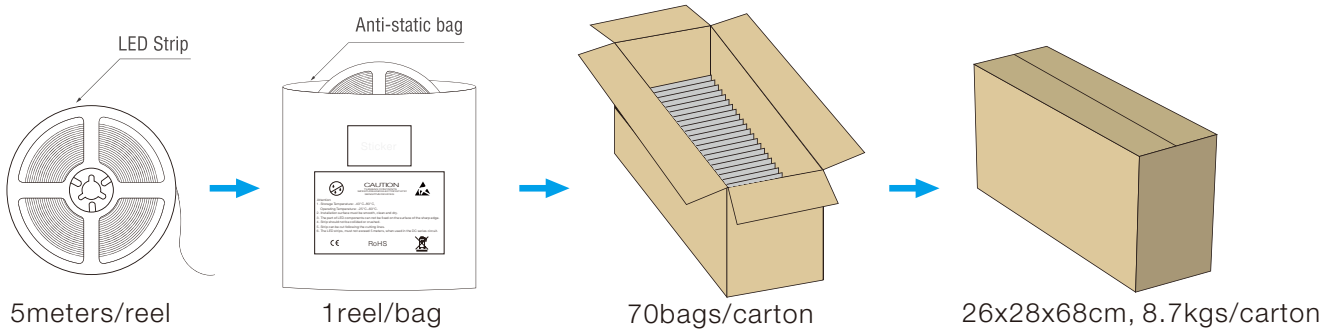
When install the led strip,please note the installation technique.The led strip can be bent,but not distorted,as shown below.



➤ LED strips are low voltage 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



Notes

- ※ The unused light should be sealed with the packaging bag to avoid prolonged exposure.
- ※ Please use isolated constant voltage power supply with ripple voltage less than 5%. Using other types of power supply may damage the light or cause other safety risks.
- ※ In practical application, 20% allowance should be reserved for power supply to ensure the stability of power supply.
- ※ It is recommended that professionals connect the power supply. Do not connect the power supply with live power to avoid electric shock.
- ※ Please confirm whether the voltage of the power supply is consistent with the voltage of the light; Pay attention to the positive and negative poles of the power cord, do not connect wrong, so as not to cause product damage;
- ※ When multiple power supplies are used, ensure that the positive poles of the power supply are not connected in parallel. Otherwise, the power supply system may be unstable or damaged after long-term operation.
- ※ If the actual application length exceeds the specified length, it will lead to overload, heating and uneven brightness of the light.
- ※ During installation, please do not scratch, twist, or bend the light irregularly. Otherwise, the light may be damaged beyond repair.
- ※ To ensure the life and reliability of the light, please do not over bend the light, which will damage the product itself.
- ※ To protect your eyes, please avoid staring at the glowing surface of the light for a long time.
- ※ Non-professionals are forbidden to install, disassemble and maintain the product.
- ※ Do not use any acid or alkaline adhesive to fix the light (including but not limited to glass glue, etc.)