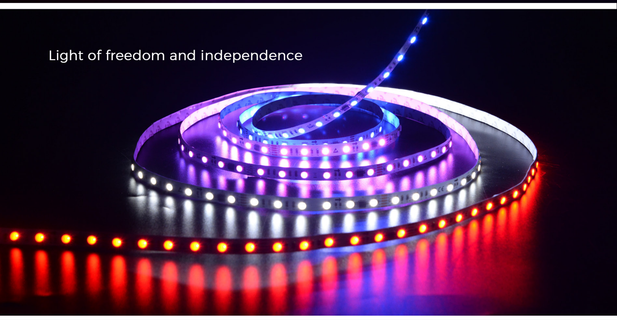
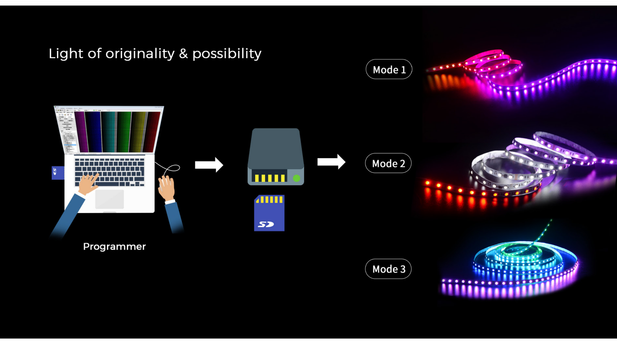
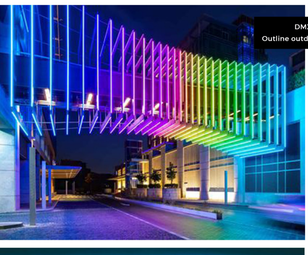
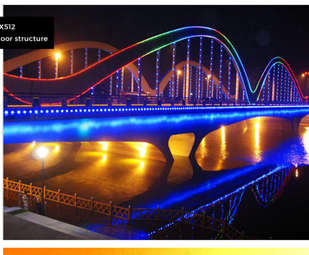


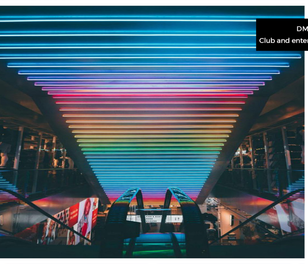


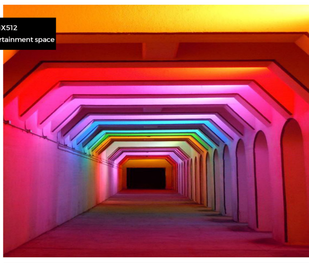
DMX512		SPI
		
Signal protocol	Parallel, synchronous parallel interface signal transmission technology, a universal signal control protocol for digital lighting equipment	Signal protocol	Serial (synchronous serial interface signal transmission technology)
Wiring	More complicated, with one more wire	Wiring	Easy wiring
Compatibility	Good, unified IC category/protocol, and DMX is used for some luminaires	Compatibility	Relatively inferior, with various IC categories and slightly different protocols, basically no SPI luminaires
Reliability	Breakpoint transmission, parallel transmission of signals, with high reliability	Reliability	Breakpoint transmission, no renewed transmission of two successive breakpoints
Anti-interference of signals	Good, with strong long-distance communication anti-interference capability	Anti-interference of signals	Inferior, long-distance communication is subject to strong current/strong magnetic disturbances
Overall cost	High	Overall cost	Low
Application	Indoor and outdoor large & ultra-large advertisement lighting and synchronous control of light show	Application	Small spaces/ independent styling/ supporting facilities

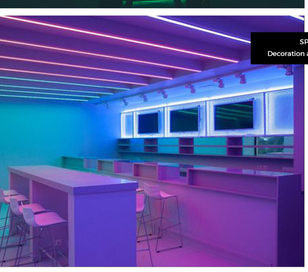
Application

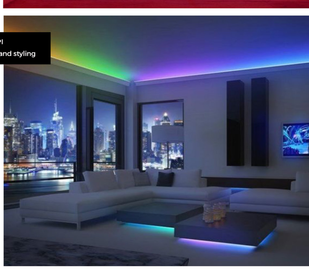












Basic Parameters

	Model	LEDs/m	Input Voltage	Drawing	Min Cut(unit/mm)	FPC Width	CCT/Color	Max.Power (W/m)	Typ.Power (W/m)	Lumens(lm)	CRI	IP Process
DMX	DM560RGBW-24V-10mm	60	24V		6/100mm	10		18	16	/	/	
DMX	DM560RGB-24V-10mm	60	24V		6/100mm	10		13	16	/	/	
SPI	DS560RGB-5V-10mm	60	5V		1/16.67mm	10		11	10	/	/	
SPI	DS560RGB-12V-10mm	60	12V		3/50mm	10		14.4	13	/	/	
SPI	DS560RGB-24V-10mm	60	24V		6/100mm	10		14.4	13	/	/	