

FLEXSHINE RGB



Features and Benefits



- Features and Benefits:
- Work Temperature: -20 °C~60 °C
- Super flexible, can be bent to small angle
- Adopt good Milky white or transparent PVC material, it is more flexible and can be seen in daytime
- Super bright & low brightness decay LED, the color wavelength is within 3nm. In particular, white light.
- Ultra-high bright LED, Uniform light, brightness in a row, rich color
- Low-power, low heat, security power, Energy saving (saving more or less 90% than glass neon)
- Flexible, easy to bend, install and maintain, convenient for transport.
- Environment friendly, water-proof and UV resistant. Durable , Low maintenance costs

Characteristics

RGB Multi-color Changing Flex shine can realize different colors change with the basic color of red, green, blue. Such as red, green, blue, yellow, cyan, purple and white seven colors & realize 34 types of LED color changing effect, such as "monochrome lock," "hopping", "gradual color changing" "chasing" etc..

Technical Performance

- RGB Multi-color Change Flex shine specification:

CODE	REFERENCE	VOLTAGE	LED COLOR	OUTCOVER COLOR	CUTTING UNIT	POWER CONSUMPTION	Lumen /m	LED QTY./m	M/ROLL	CONTINUOUS CONNECTION
20440158	Flexshine Basic series with Milky white outcover or transparent PVC material, 120V, RGB	120V	RGB	MILKY-WHITE	1.5FT/0.4572m	15.9W/m	Red: 80 Green: 320 Blue : 120	240	10m/roll with a 0.6m PVC power cable, no plug	10m
20440159	Flexshine Basic series with Milky white outcover or transparent PVC material, 240V, RGB	240V	RGB	MILKY-WHITE	3FT/0.914m	15.9W/m	Red: 80 Green: 320 Blue : 120	240	10m/roll with a 1.22m PVC power cable, AC to DC converter with CE plug	10m
20440160	Flexshine Basic series with Milky white outcover or transparent PVC material, 12V, RGB	12V	RGB	MILKY-WHITE	1.5"/0.0381m	15.9W/m	Red: 80 Green: 320 Blue : 120	240	10m/roll with a 0.6m PVC power cable	10m
20440161	Flexshine Basic series with Milky white outcover or transparent PVC material, 24V, RGB	24V	RGB	MILKY-WHITE	3"/0.0762m	15.9W/m	Red: 80 Green: 320 Blue : 120	240	10m/roll with a 0.6m PVC power cable	10m

Dimensions

Product size: 15X28mm
LED space: 0.5"

Lifetime & Warranty

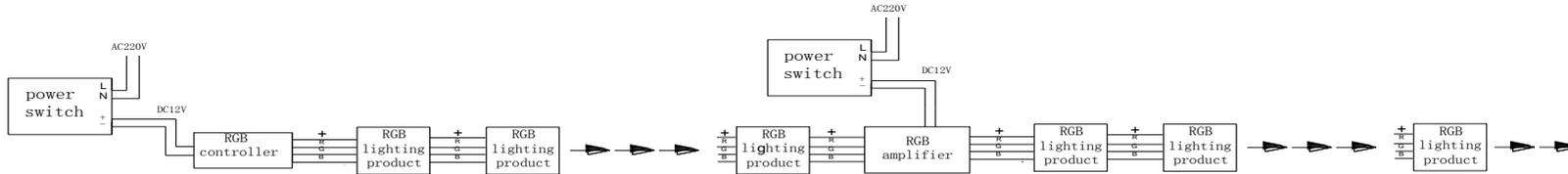
- Expected lifetime 40,000hours
- Warranty 2 years

Packaging

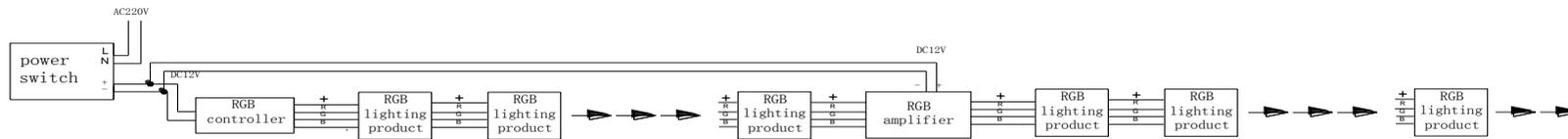


Wiring

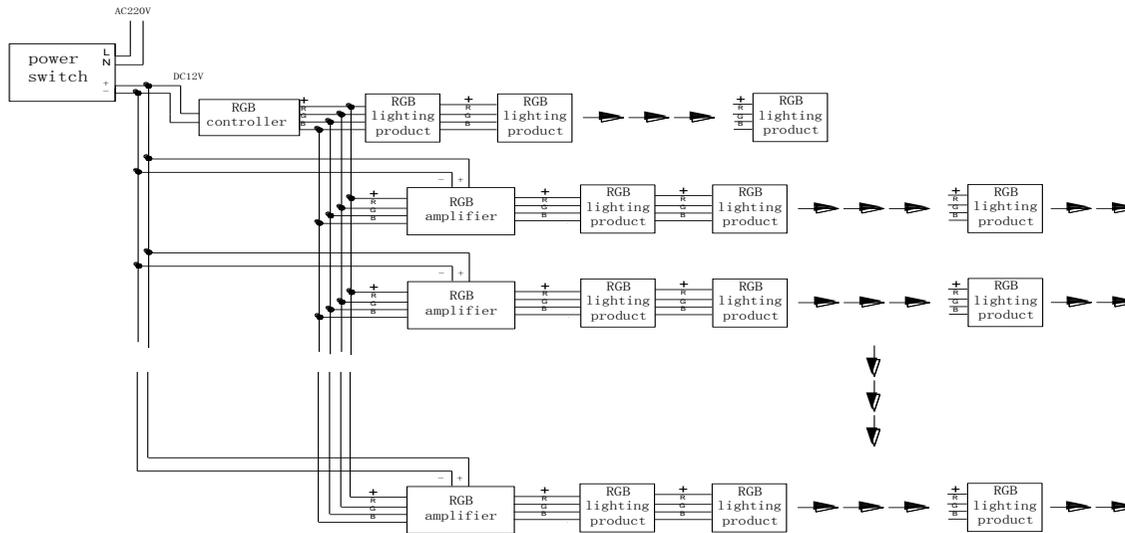
structure one:serial connection,two or more power switch.



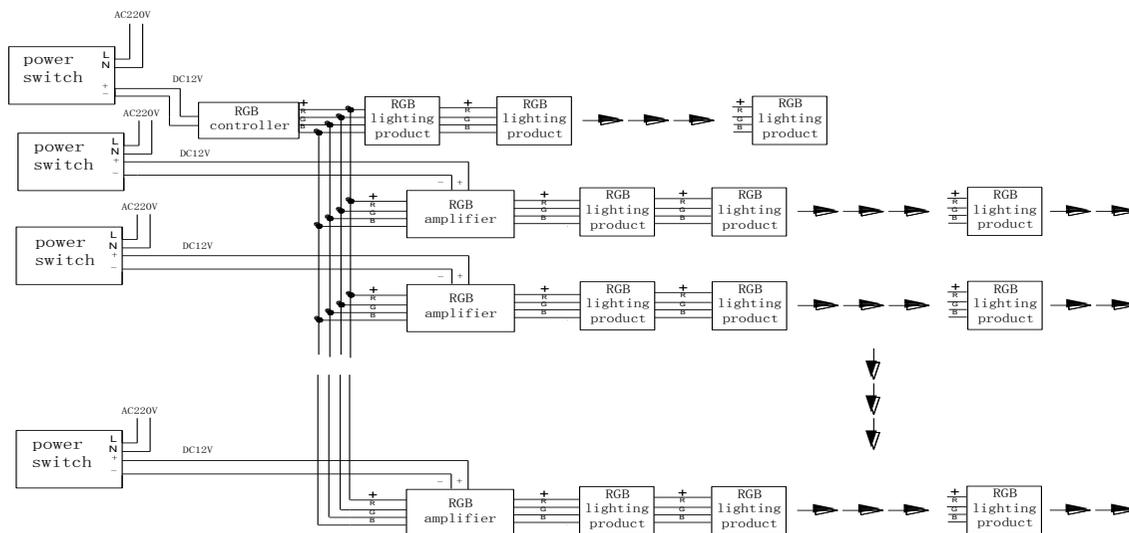
structure two:serial connection,one power switch.



structure three: parallel connection,one power switch.



structure four: parallel,two or more power switch.



Controls

● Main descriptions:

Multifunctional LED controller is a LCD digital interface, using for controlling the RGB color changes of four-wire-three-channel (a total of anode) LED lamps, it has as many as 34 kinds of change mode selections, which can accept the international standard DMX512 control protocol. Controller can be run alone and on-line operation to synchronously receive standard DMX512 control signal for working.

Code:20440167



	12V	24V	120V	240V
Weight:	0.95kg			
Input voltage:	AC220V			
Output voltage:	DC12V	DC24V	DC120V	DC240V
Power consumption:	1~1320W			
Current:	2A/channel X3			
Size:	L224 X W128 X H37mm			
changes in the selection process:	34 kinds of jumpy changing and gradual changing program			
The choice of speed change:	0-100steps			
RGB Scale:	255 X 255 X 255			
communication interface :	DMX512			

● Basic function

It's 2X16-LCD liquid crystal display workspace, the setting up of function parameters simple and intuitive.

Three-channel RGB control, maximum output current of every channel is 2A.

There is 34 kinds of jumpy and gradual changing in the mode of control, you could individually choose the speed change of each changing pattern.

The scale of dimming level is from 0 to 255, you could choose the static LED color and brightness freely

You can edit mode of operation automatically and choose the designated changing mode.

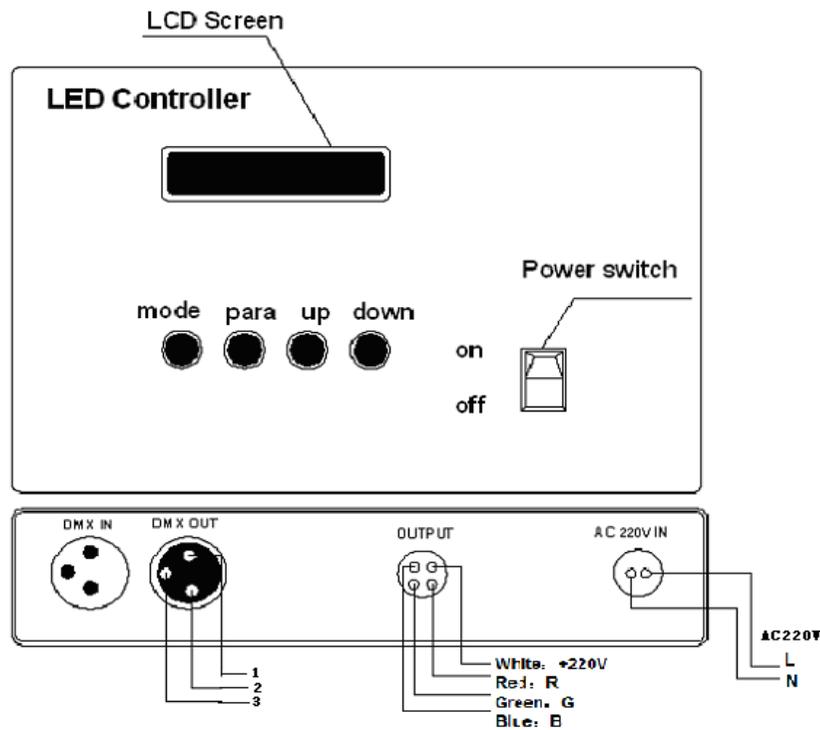
To support the agreement DMX512 interface, you could use external connection with DMX512 device for control distant range.

Contains a DMX512 decoder (3 addresses)

Automatically store parameters set; it also has power-down protection.

It has reloading function for preset parameters (parameters of the factory)

● Structure drawing:



Accessories

● Several accessories are available to fix, bend or connect the Flexshine products:

CODE	REFERENCE
20440085	Extension cable between 2 flexshines for Basic and Pro series, 0.6m cable
20440086	Splice connector pin for Basic and Pro series
20440087	Male connector pin for Basic and Pro series
20440088	End cap for Basic and Pro series
20440089	Heat shrink for Basic and Pro series
20440090	Mini channel 2cm for Basic and Pro series
20440091	Alluminum channel 1m for Basic and Pro series
20440142	Alluminum channel 2m for Basic and Pro series
20440092	Extension cable between 2 flexshines for Master series, 0.6m cable
20440093	Splice connector pin for Master series
20440094	Male connector pin for Master series
20440095	End cap for Master series
20440096	Heat shrink for Master series
20440097	Mini channel 2cm for Master series
20440098	Alluminum channel 1m for Master series
20440143	Alluminum channel 2m for Master series
20440127	Cable for Basic, Pro series with 0.6m cable
20440128	Cable for Master series with 0.6m cable



20440085



20440086



20440087



20440088



20440089



20440090



20440091



20440092



20440093



20440094



20440095



20440096



20440097



20440098



20440127



20440128



20440142



20440143