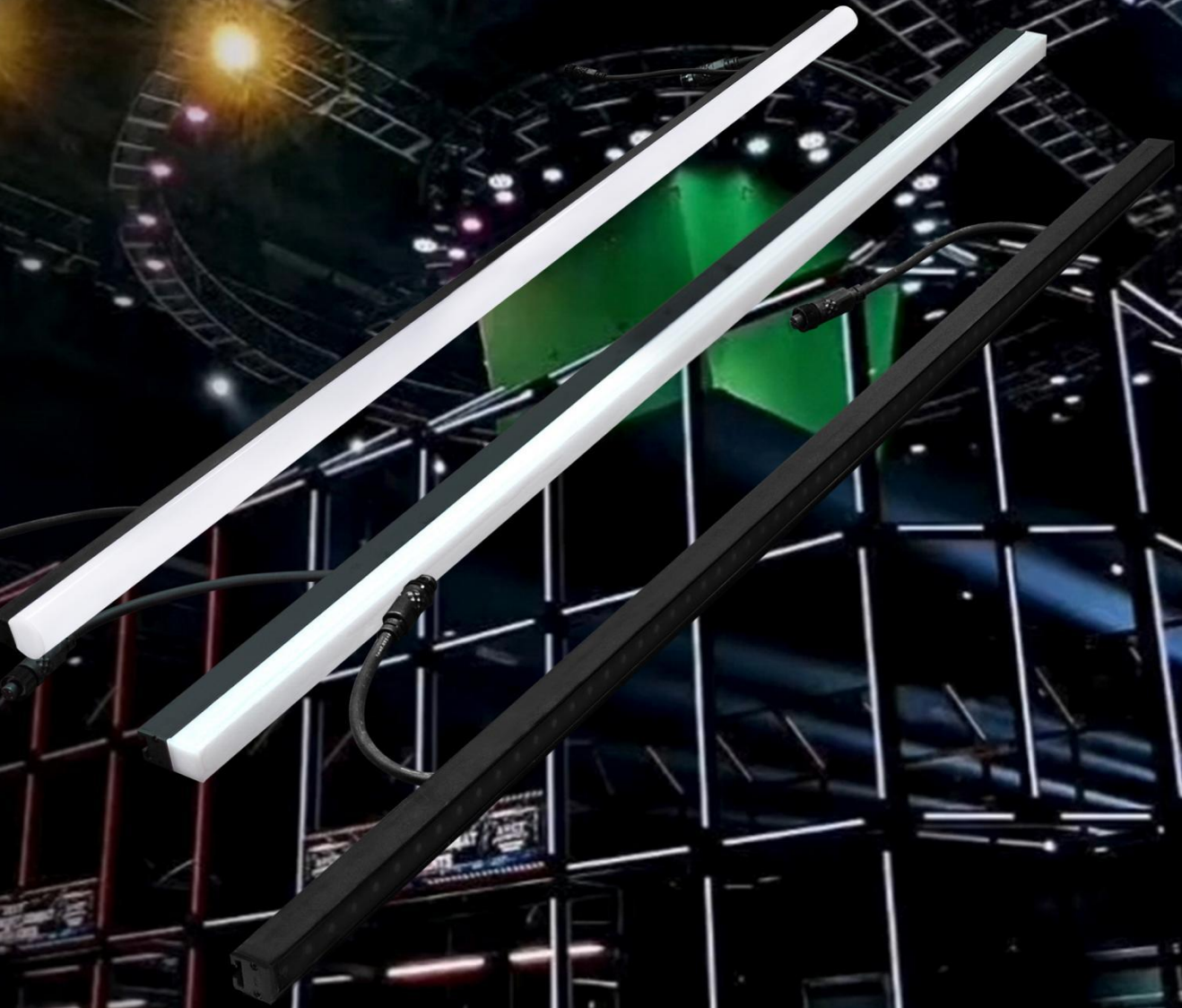


产品规格书

Product specification

LED视频条

LED Video Bar



CE FC



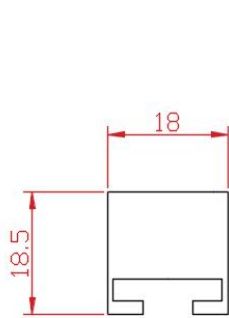


Product name: LED Video Rigid Bar

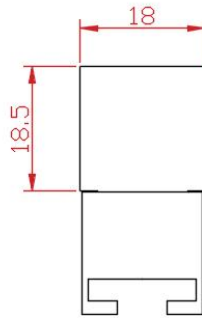
Product model: CL-VB5050RGB64

Overview: This led bar is with low-voltage DC power supply, long-life SMD LED as the light source, which can realize independent control and full-color color conversion. It can be widely used in stage lighting decoration, product launch conference decoration and city night scenes.

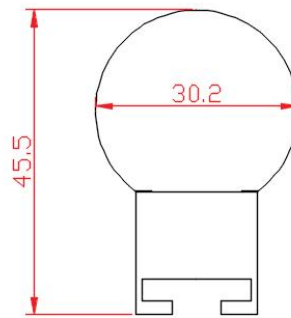
Size of 3 kinds of diffuser:



flat black diffuser



square diffuser



round diffuser

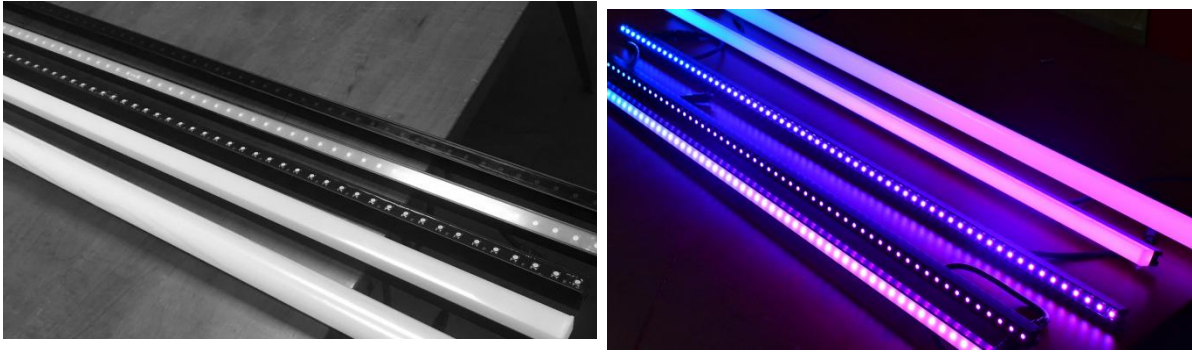


*The regular length of the light bar is 0.3m, 0.5m and 1.0m.

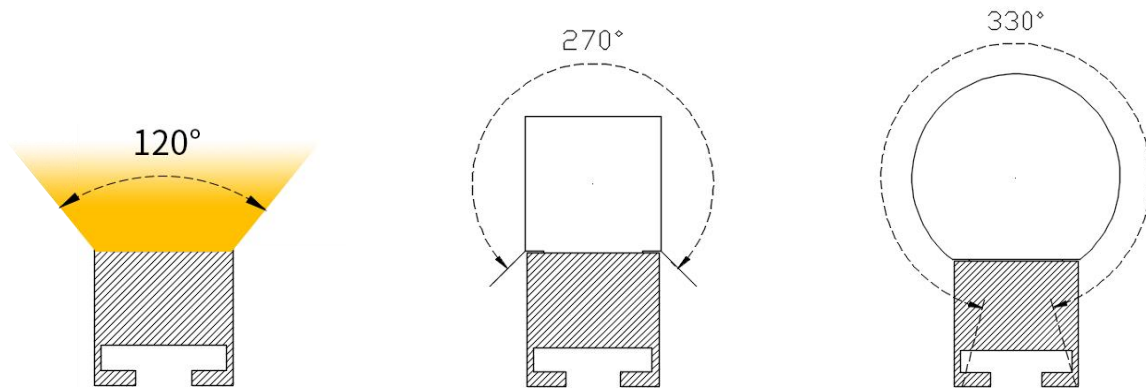


◆ **Features:**

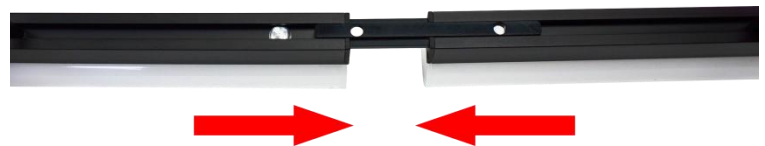
- Single signal transmission, SPI control mode;
- 256 gray levels , high brightness without stroboscopic;
- Various diffuser can be selected



- Beam angle of different diffuser



- Connection without gap



①

- Can connect the led tube together without gap; Simple and convenient installation; Easy to build setup

②



③



➤ A variety of angle connectors can meet the construction needs of different setup



90° model connector



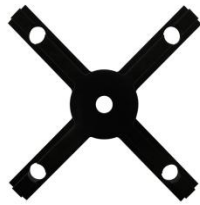
120° model connector



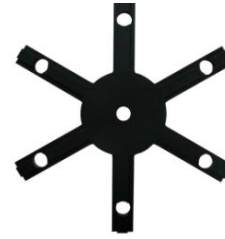
T model connector



Y model connector



十 model connector



Hexagon connector

➤ Clamp installation



D20 clamp



It can be installed and fixed on the truss with clamp, and its angle can be adjusted arbitrarily.



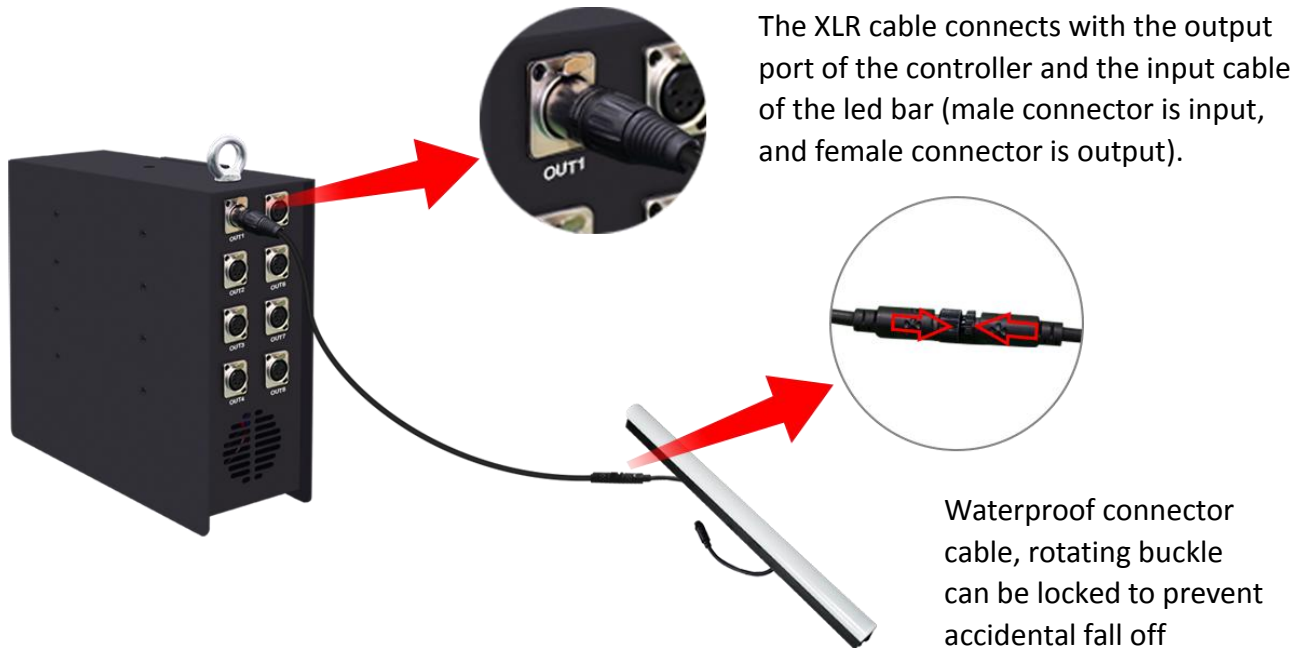
◆ Parameter list

Parameter	Unit	Min	Typical	Max
Length	M	—	0.3/0.5/1.0	—
Working voltage (U)	V	—	24V	—
Max power (P)	W	—	3.6/6/13	—
Quiescent Current (I)	A	—	—	—
ESD voltage (Vesd)	V	2000	—	—
R-wavelength (λ D)	NM	620	—	625
G-wavelength (λ D)	NM	522	—	525
B-wavelength (λ D)	NM	467	—	470
Beam angle	Deg	—	120/270/330	—
Operating temperature	°C	-25	—	65
Stored temperature (Tstg)	°C	-20	—	65
IP Grade (IP)	—	40	65	67
Weight (N.W)	KG	—	—	—
LED Type	—	—	5050RGB	—
LED Quantity(Pcs)	PCS	—	19/32/64	—
Pixel	PCS	—	19/32/64	—
IC type	—	—	CL05	—
Grey scale (gray)	—	—	256	—
Channel	—	—	GRB	—
Product color	—	—	Black	—



◆ Connection and control

① Connect the led bar with controller

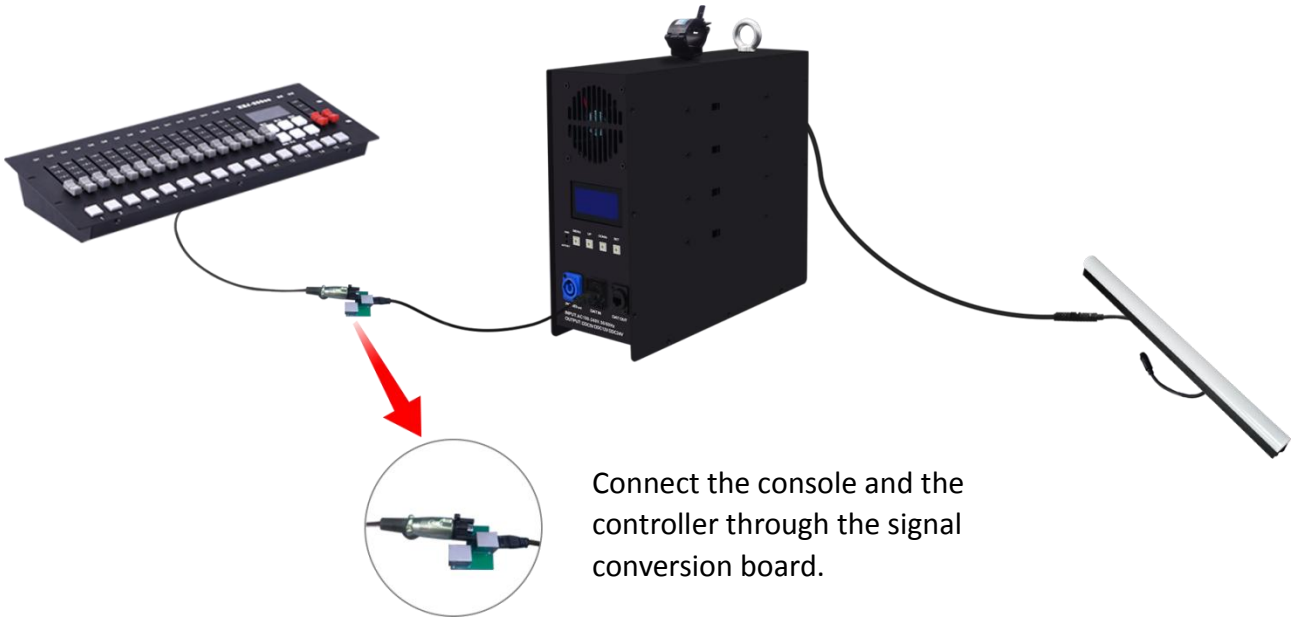


② Connect the controller with software





③Connect the controller with console



◆ Application scenario

- The stage lighting and the atmosphere is contrasted;
- Club atmosphere lighting;
- Linear contour light for music festivals, concerts and advertising screens;
- Park night view decoration;
- Lighting decoration for product launch.





Notice:

1. Please read the product manual before installing the product;
2. Male connector is input, and female is output;
3. The product must be powered by a power source that matches the product voltage, and the wiring sequence must be handled in strict accordance with the product label;
4. In the switching circuit, it is necessary to avoid generating instantaneous high voltage, so as not to exceed the working voltage of the load and burn the product;
5. If there are too many meters in the cascade string, it needs to be treated to prevent voltage drop;
6. When design the product effect, choose the same IC as the product model, otherwise it will affect the normal operation;
7. In order to ensure waterproof and anti-corrosion, after the power cord is inserted into the connector, it is recommended to use neutral glass glue or inject the terminal with waterproof grease to cover the exposed copper wire of the power cord for protection;
8. Pay attention to the use environment and be waterproof and moisture-proof;
9. Man-made damage and natural damage are not guaranteed by the warranty.