

Double Protection LED Linear Light



Product Description	This linear light adopt aluminum structure, assembled with XT-25 linear light source. The aluminum profile is the integration of light body and wiring groove, no need for extra wiring groove when doing installation, and with new design fixture, the installation become very easy. The line structure perfect suit building facade, can achieve very delicate effect.	CE FCC SASO
		20m III F $t_a 55^{\circ}\text{C}$
		IP68 Highest Anti-UV V-0 (Fire Retardant Grade)

Product Specification

- **Model:** RHEA-XT-25A
- **LED Type:** each light has 48pcs SMD RGB LED and 48pcs SMD white LED
- **Color Range:** 16 770 000 RGB secondary colors
- **Color Resolution:** 4x16bit
- **Beam Angle:** 110°
- **Lumen:** 406lm
- **Efficacy:** 28lm/w
- **Pixels:** 8pixels in set light
- **Housing Material:** Aluminum Alloy
- **Size:** 980mmX30.6mmX45.7mm
- **Weight:** 610g /set
- **Safety Approval:** CE; FCC; SASO
- **Operating Temperature:** -20°C to +55°C / -4°F to +131°F
- **Storage Temperature:** -40°C to +80°C / -40°F to +176°F
- **Environment:** outdoor

ELECTRICAL SPECIFICATION

1. **Operating Voltage :** 24V DC
2. **Power Consumption:** 15W

SYSTEM SPECIFICATION

1. Control Method: DMX512

2. Power Supply: Mean Well 350W/DC24V

3. Addressing Options: DMX addressing

NOTES WHEN INSTALLATION

- This lights can only be installed by professional staff, and it is forbidden to install the lights with electric.
- The location around the lights should not be corrosive, explosive, flammable materials or dust. Strong shock and impact should be forbidden.
- The lights can only use the rated voltage indicated on lights, or it will make the lights eternal damage.
- Lights should be handled with care; the installation location must be strong and firm, while the installation must be firm, too.
- The cable must be connected firmly, and the connection quantity cannot exceed the cable load capacity.
- The lights can only be connected by the cable definition, or the light damage will occur.
- For the safety consideration, if the exterior cover of the wire or the cable is destroyed, it must be replaced by the same type of cable and must be changed by professional staff.
- Avoid destroying the power supply, if there used many power supplies, the power supply cannot be parallel connection.
- While you do the lamps installation, you need keep 2mm at least between the lamps; and while you do aluminum channel installation, you need keep 2mm at least between the channels; while you install the light source directly, you need keep 2mm at least between the light source.

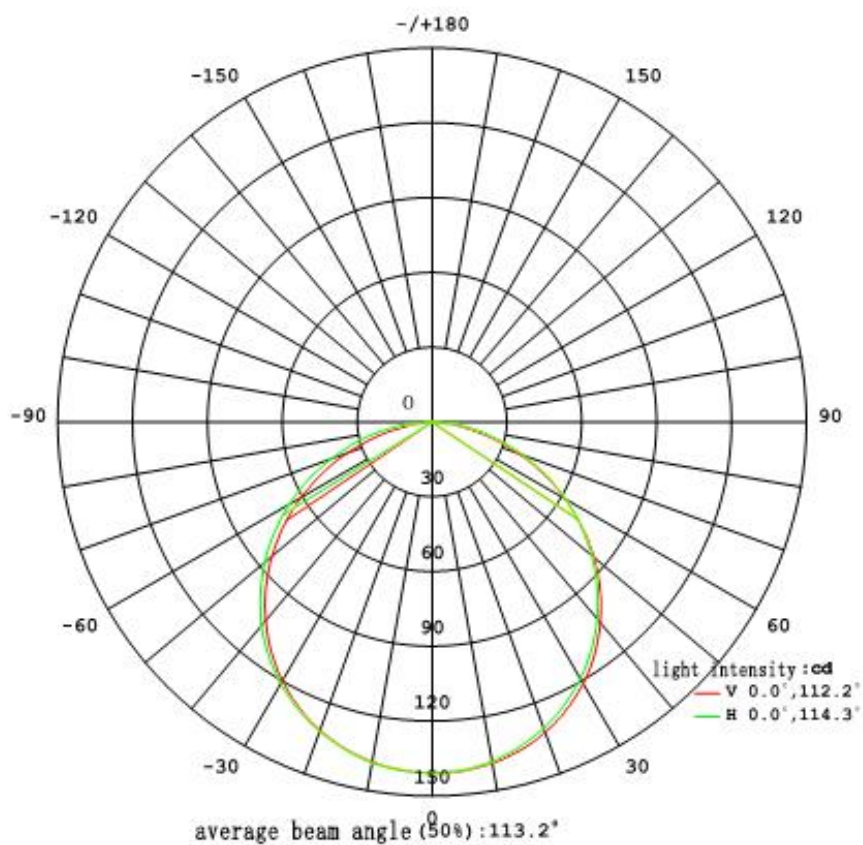
Double Protection LED Linear Light

Efficacy

Light Specification

- **LED Type:** 3 in 1 SMD LED
- **Beam Angle:** 110°
- **Encapsulation Material:** modified PVC

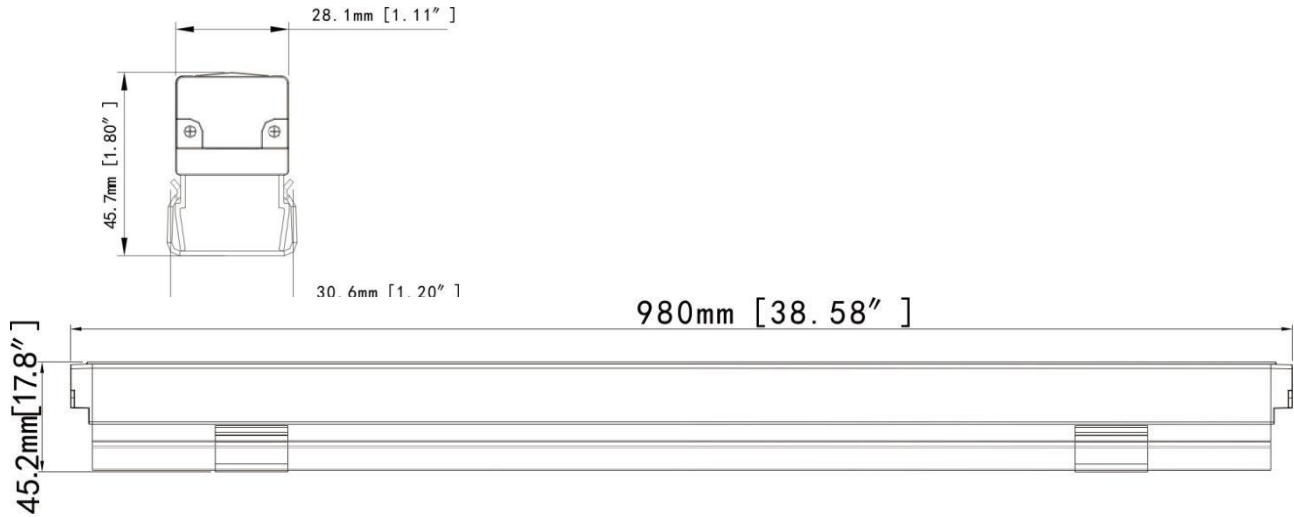
Luminosity Distribution



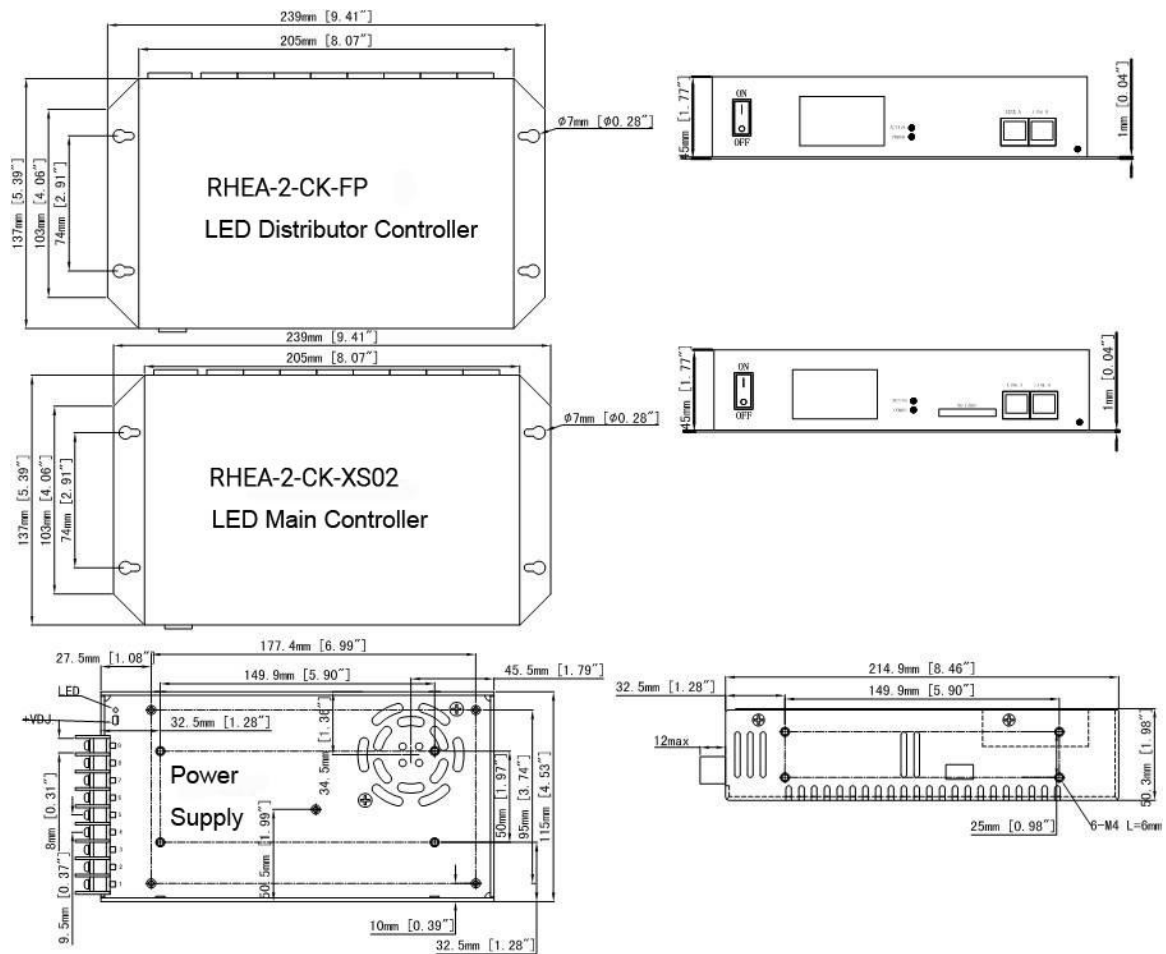
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Size

Light Drawing



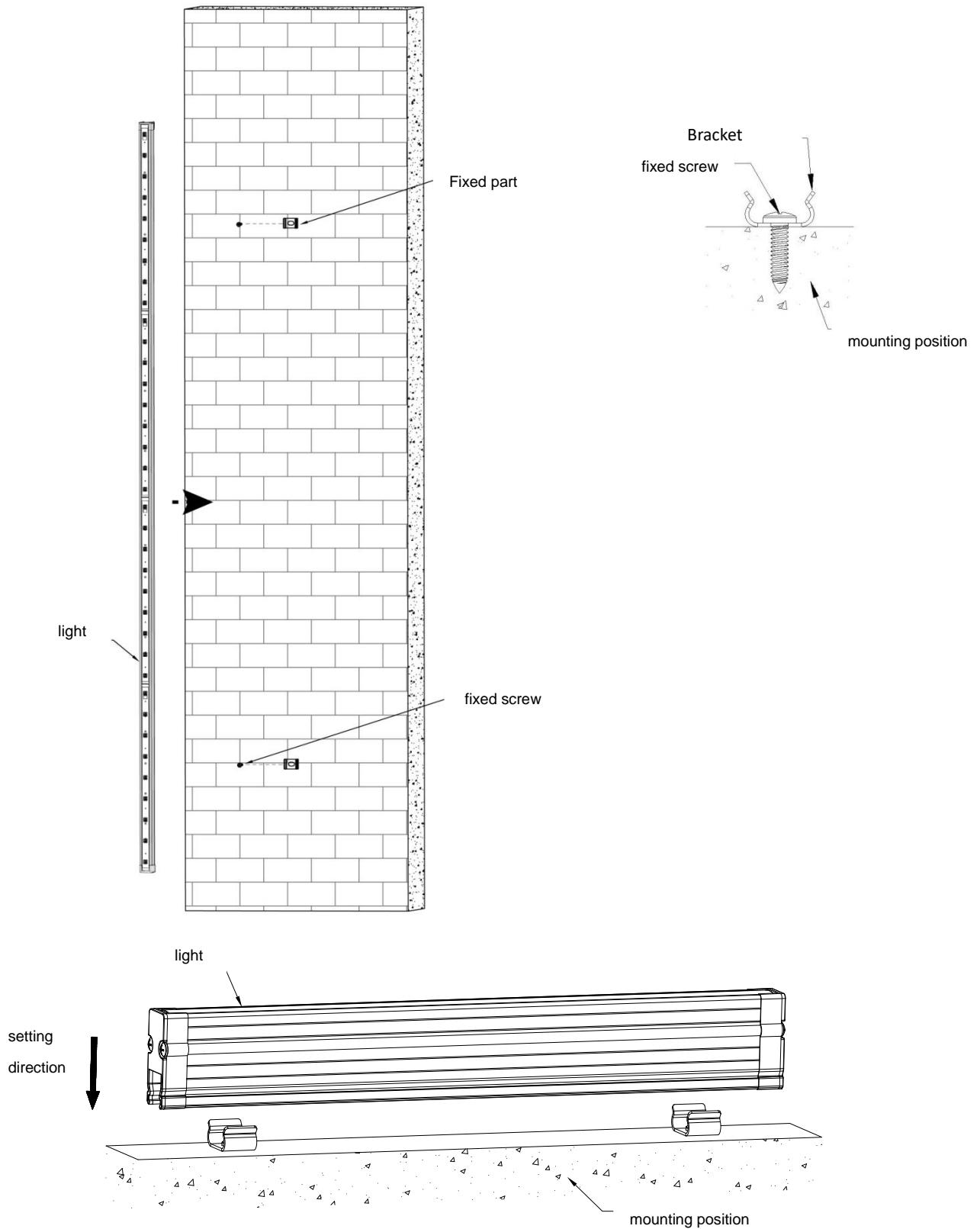
Power Supply Drawing



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Installation

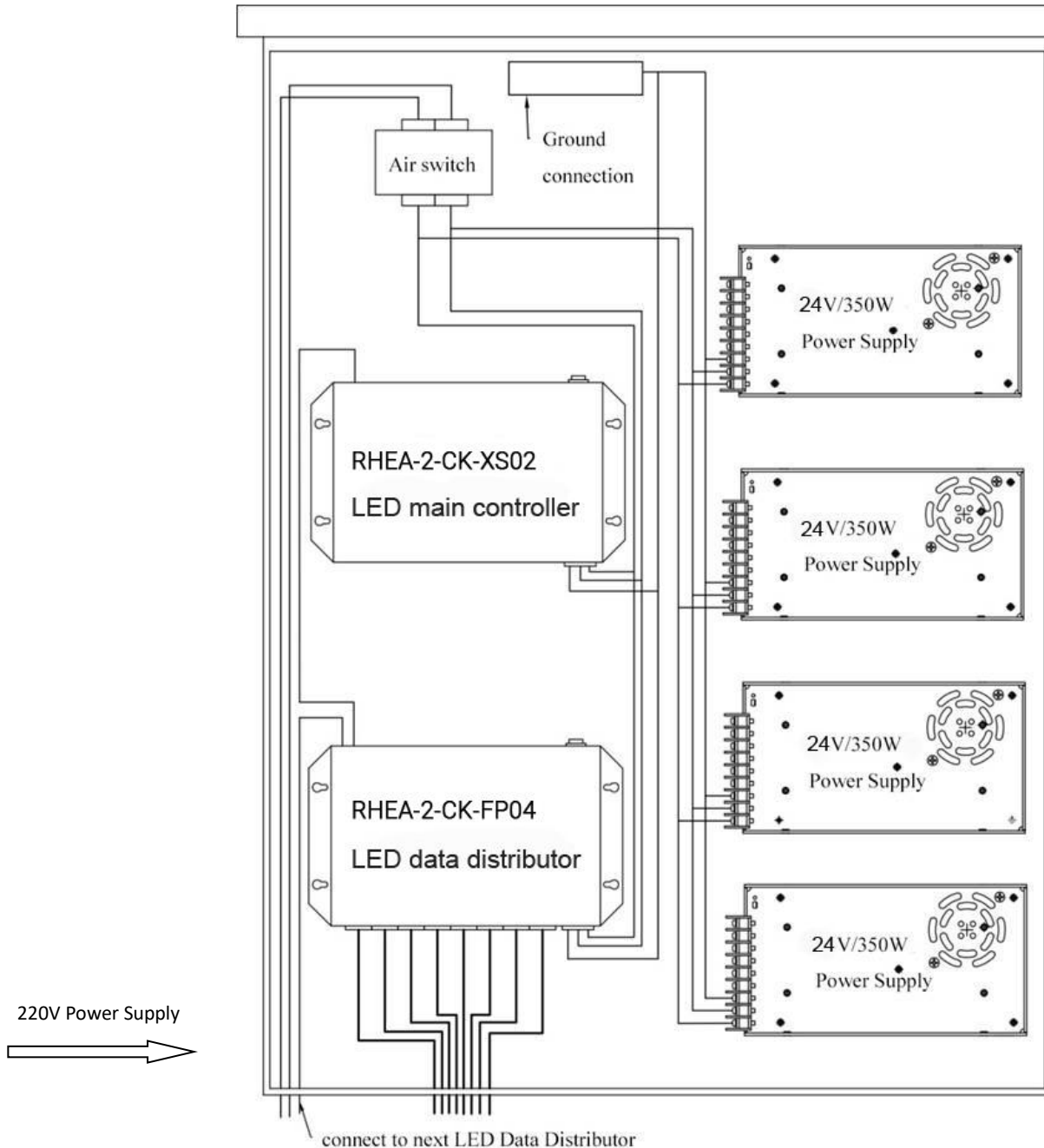
Mounting



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Power Supply

Controller and Power Supply Installation

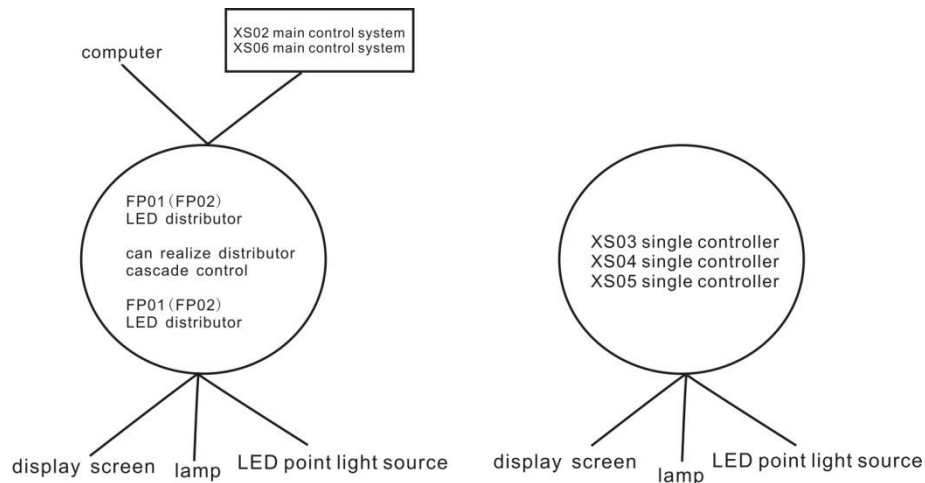


Connect 220V power to air switch, then connect air switch to 24V/350W power supply. Power for LED linear is provided by 24V/350W power supply. (1 set 24V/350W power supply can load at most 16 sets of linear light XT-25A)

Double Protection LED Point Light Source

Control system

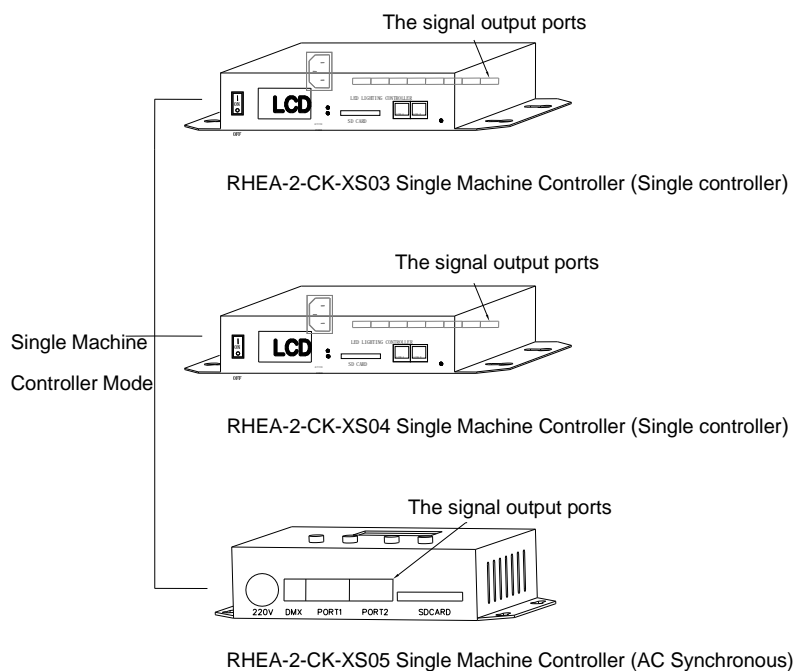
II Type LED Control System



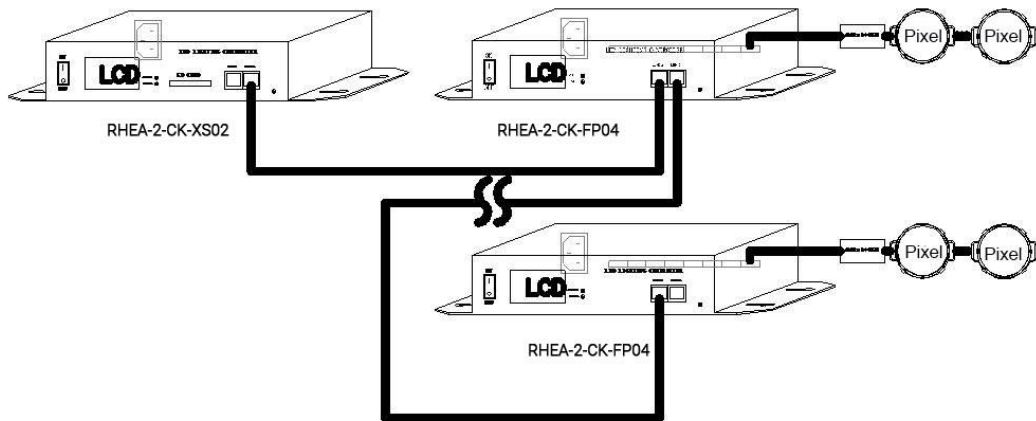
II Type LED Control System, it has 3 kinds of Control Modes: Single Machine Controller Mode; Offline Mode

A. Single Machine Controller Mode Instruction :

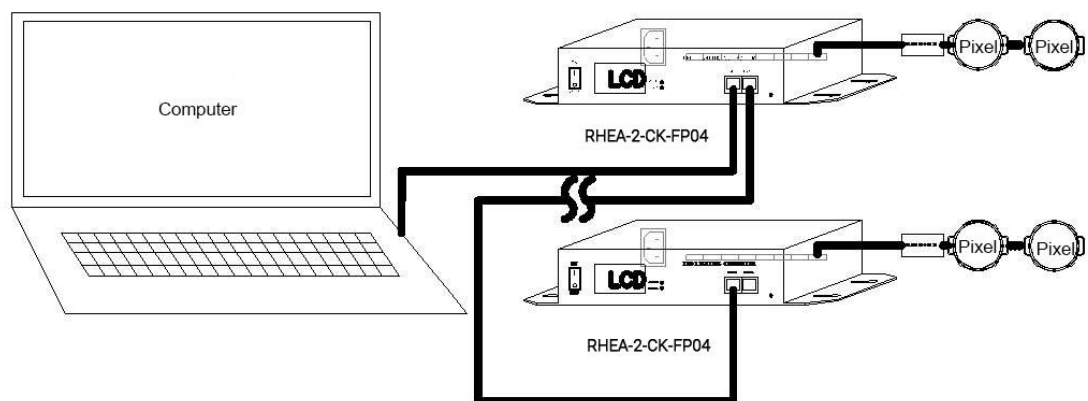
RHEA-2-CK-XS03, RHEA-2-CK-XS04 are single machine controllers, can be used with single one. RHEA-2-CK-XS05 Single Machine Controller can be used many single ones together, can realize the AC Synchronous function when electrify them at the same time



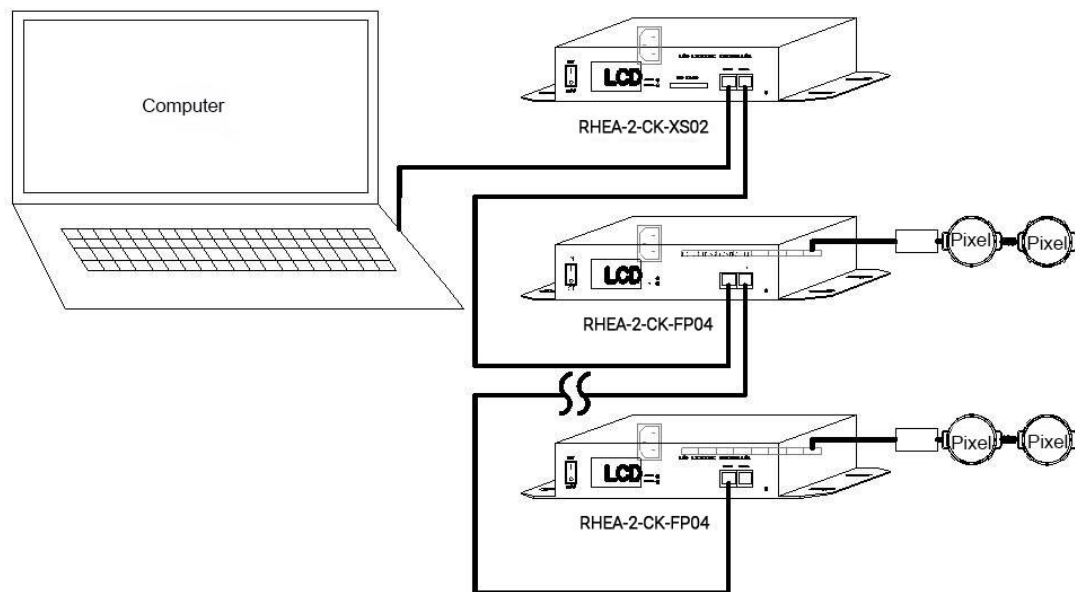
B. Offline Control mode: Offline control mode can load at most 150,000 pixels, each distributor controller has 8 ports, each port can load at most 170pixels.



C. Online Control mode: Offline control mode can load at most 150,000 pixels, each distributor controller has 8 ports, each port can load at most 170pixels.



D. Online + Offline Control mode: Connect Offline main controller with computer (under this condition, computer and offline main controller do not work at the same time. Whether computer work or offline main controller work)



E. Large-scale project switch control: switch cascade connection can load millions of pixels, the proposed switch model is TP-LINK TL-SL2428.

