EXC 爱克

聚焦LED点光源 专注LED景观照明
Focus on LED Pixel Light, Specialized in LED Landscape Lighting.

EXC-U80ADB0　　LED Linear light

Application Environment：
Indoor
Outdoor

Product description：

EXC-U80ADB0 full color series product are compact and invisible SMD LED linear light with aluminum shell for outdoor landscape decoration. The fixture can integrate entirely with the building, not affect the building appearance in daytime and show wonderful lighting effect at night. EXC-U80ADB0 can be applicable for super large area displaying or outline the building. It also can be used to decorate facade inside and outside, also reinforce the normal lighting function.

Features

- Very compact design, only 23mm thickness.

- Invisible design concept, combine with building very well

- Aluminum alloy lamp body with low thermal resistance path heat dissipation design

- Outdoor lightning protection and electrostatic discharge (ESD) protection design

- Design of top hanging line, simple and convenient installation;

- All aluminum metal, ultra-thin design, high - grade, graceful structure;
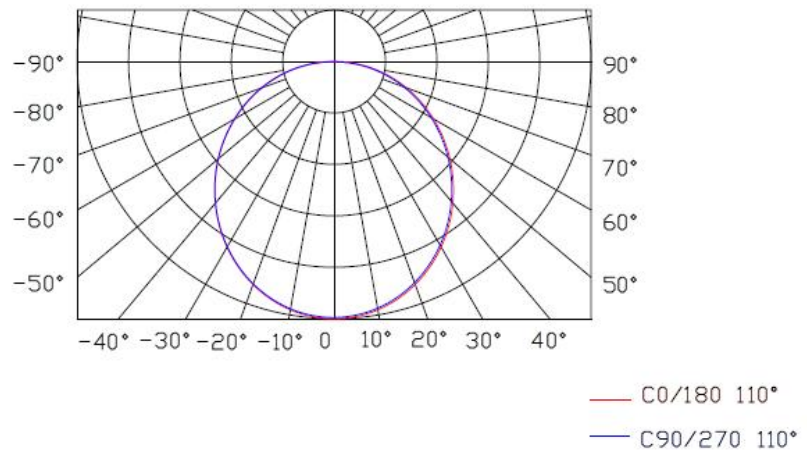
Basic Specifications

Color Range	W(2200K-6500K), RGB
Working Voltage	DC24V
Max. Power Consumption	12W, 15W(White)
Light Source	48, 60 pcs SMD LEDs
LED chip Brand	Optional(Cree, OSRAM, Lumileds, Epistar, etc...)
CRI	80
Control	DMX512, ON/OFF
Segment	1(W), 8(RGB)

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Source Life	50,000 h
Housing	High strength aluminum alloy
Cover	Acrylic
Weight	1.3Kg
Working Temperature	-40°C to 60°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP66
Efficiency flux	20LM/W(White), 10LM/W(RGB)
Beam Angle	≥110°

Host Controller	EXC-5200
Slave Controller	EXC-2905T1
Signal Cable	EXC-LED outdoor special cable

Light Intensity Distribution

Light Intensity Chart

—— C0/180 110°
—— C90/270 110°

Physical Dimension

Unit：mm

1000

23

80
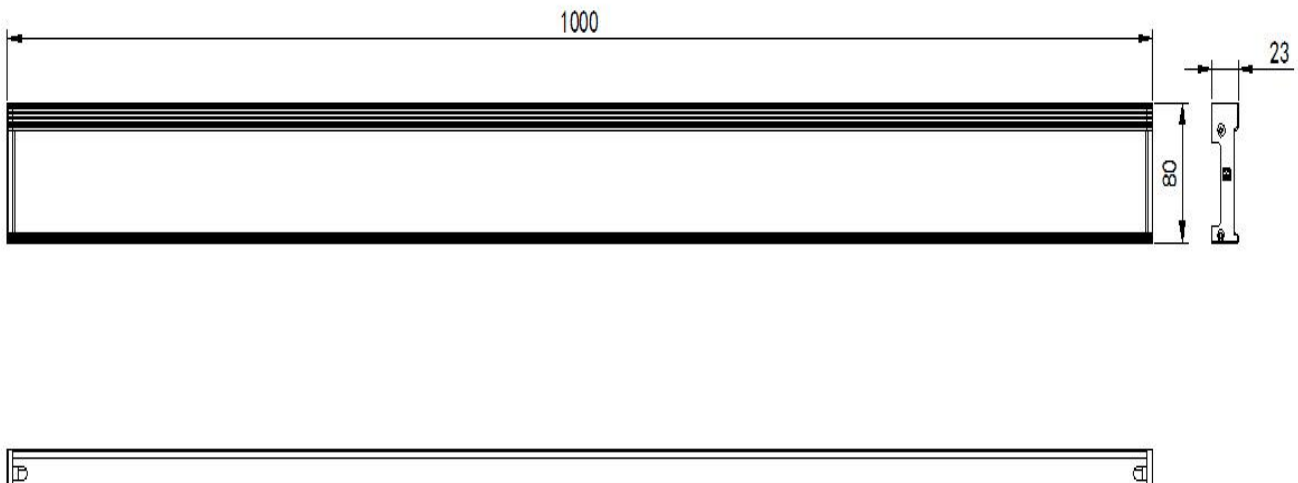
Installation Diagram

Mounting Accessories :

85.00

M3

9.00

30.00

20

4.50

Facade installation

self-tapping screw

Installation carrier

lighting fixture

Support plate

Fixed pad

lighting fixture

Support plate

mounting base

retain screw

Installation carrier

mounting base

lighting fixture

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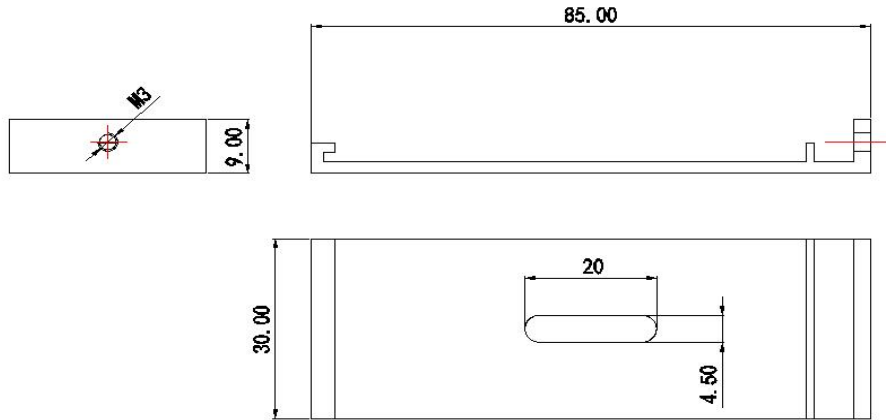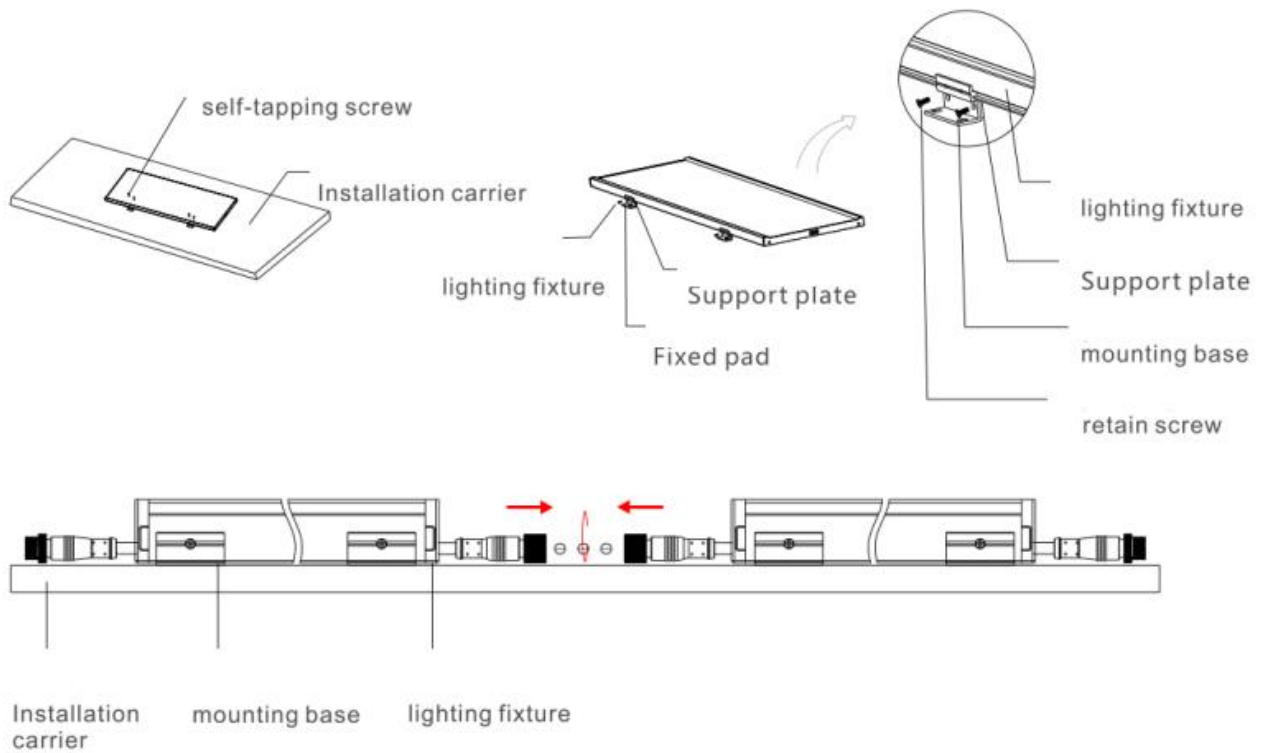
System connection diagram：

1、Host controller should connect with slave controller. Working voltage for controllers are AC220V.

2、On-line main controller should connect with slave controller, on-line main controller and sub controller working voltage are AC220V.

3、 each sub-controller with 8 ports, with each port 512 pixels, supporting data converter, supports 100 meters ultra-long haul transmission.

4、The CAT-5 e. cable distance should be within 100 meters between host controller and slave controller, between slave controllers and switch, etc.

Offline Controlling System Diagram


Online Controlling System Diagram

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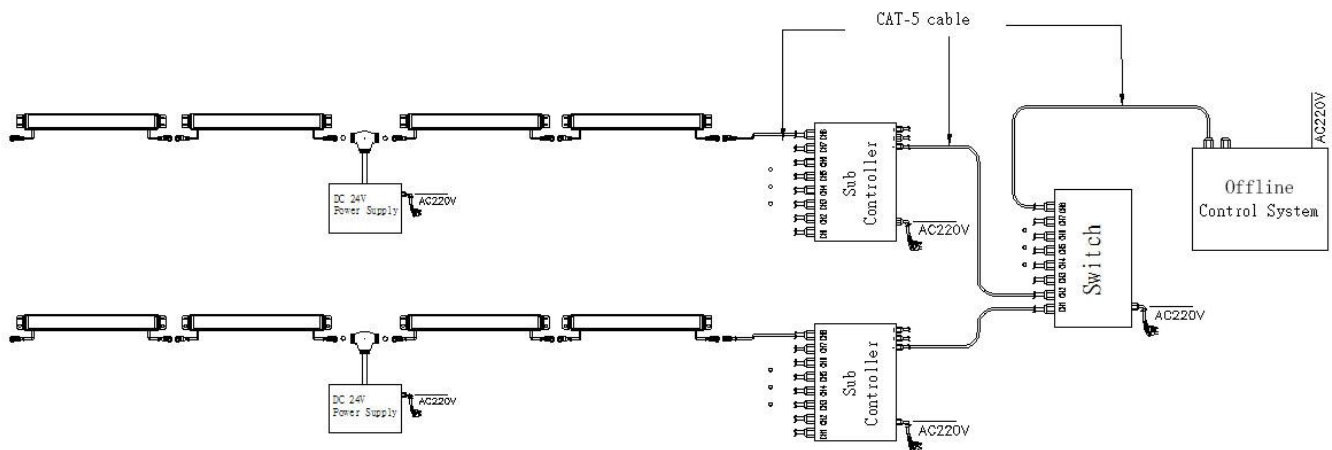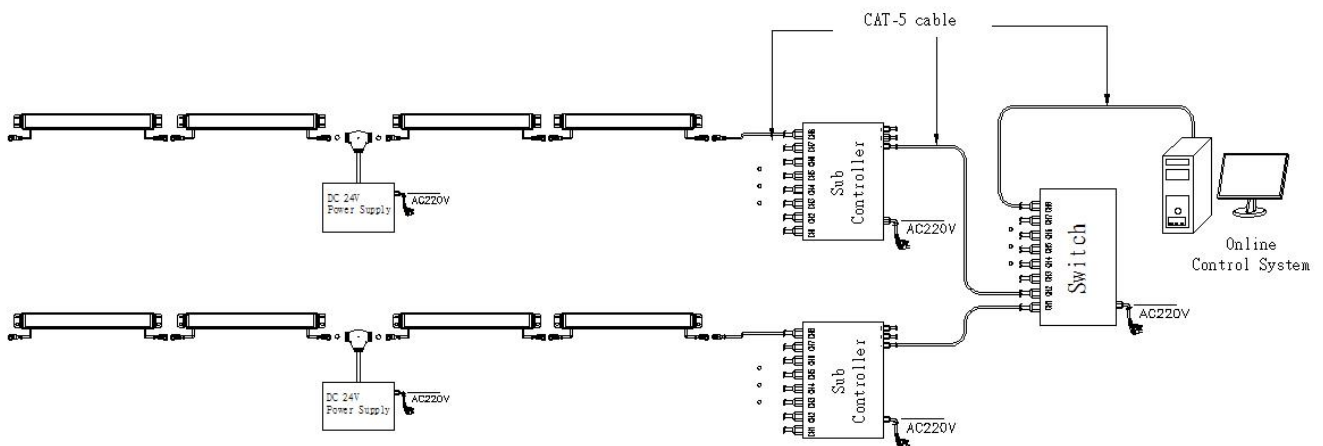
Accessories :

1: Female and Male Connector(Connect to first dot light for signal transmission)

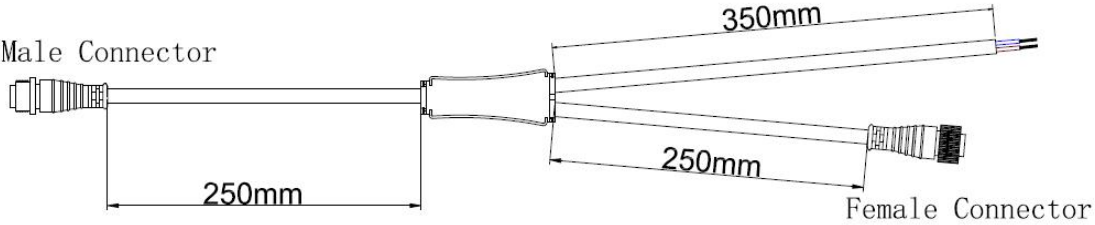Female Connector

Male Connector

10mm

10mm
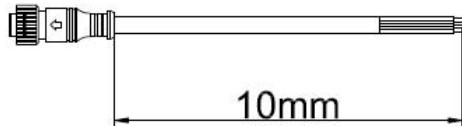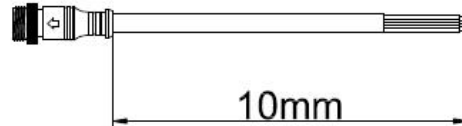
2: Y Shape Connector(For power Distribution)
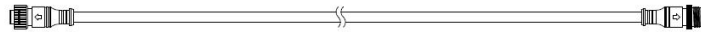
Male Connector

350mm

250mm
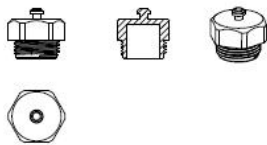
250mm

Female Connector

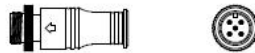**3: Interconnection Cable(1.3M,3M,5M is standard length)**

Female Connector

Male Connector

4: End Cap

Male Connector

Male Connector