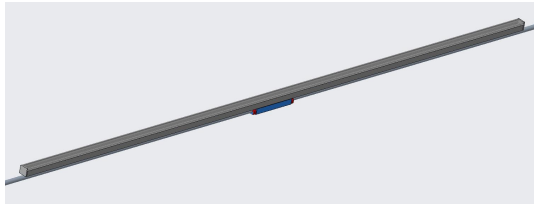


## EXC-U14AA LED Linear light



Application Environment:  
Outdoor

### Description

**EXC-U14AA** series products are specially designed for outdoor landscape lighting design of an extra-narrow aluminum profile shell SMD uniform light ultra-thin line light source, it can be used for building elevation contour trench, interior and exterior surface decoration lighting, simple and reliable installation.

### Features

- Extreme narrow width, consistent light color
- Full-sealed filling waterproof design by German imported glue
- Aluminum alloy lamp body with low thermal resistance path heat dissipation design
- Outdoor lightning protection and electrostatic discharge (ESD) protection design

### Basic Specifications

Color Range	RGBW
Light Source	SMD RGBW LED
Source Life	35,000 h
Material	High strength aluminum alloy/PC
Weight	0.25Kg

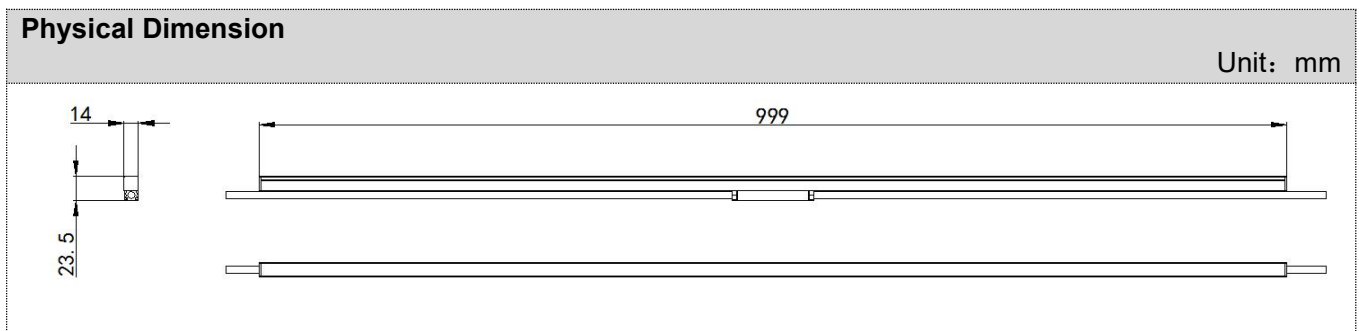
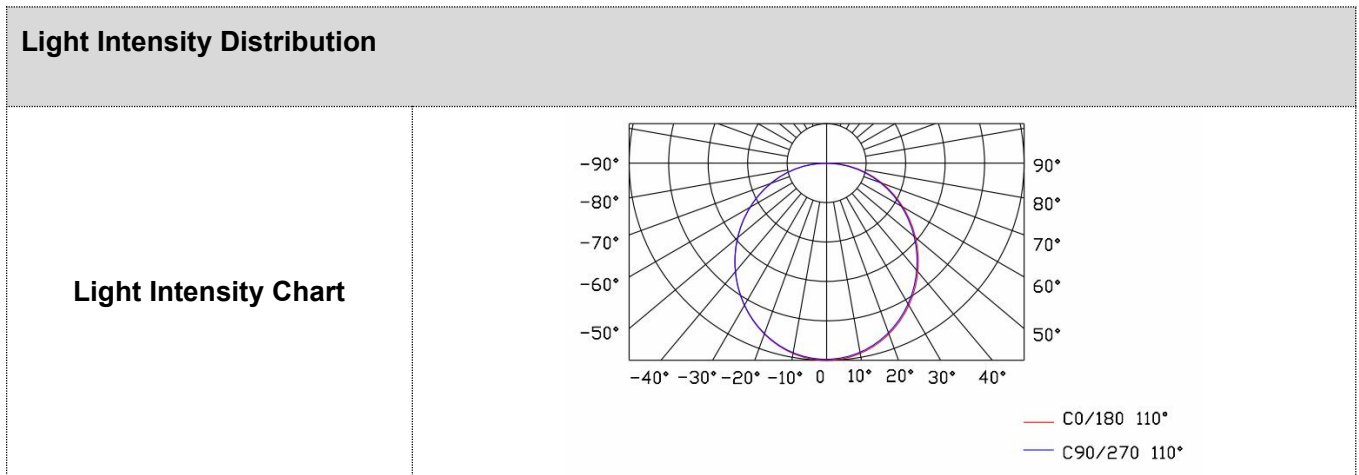
### Environmental Specifications

Working Temperature	-40°C to 50°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP66

### Electrical Specifications

Working Voltage	DC 24V
Max. Power Consumption	15W
<b>Optical Specifications</b>	
Beam Angle	≥ 110°

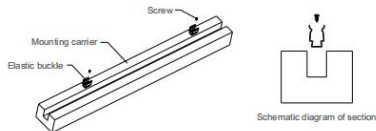
<b>Controller</b>	
Main Controller	EXC-Y220、EXC-Y880、EXC-M520、EXC-5200、EXC-6000、EXC-8000、EXC-10000.....
Slave Controller	EXC-S880、EXC-2905.....



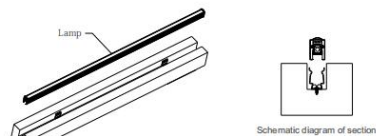
## Installation Diagram

### Mount With a Elastic Buckle Fitting

1. Fix the elastic buckle on the mounting carrier with screws.



2. Install the lamp onto the elastic bracket, and fix the lamp with the elastic buckle.

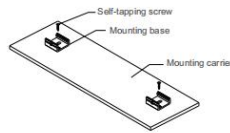


3. Complete the effect diagram of installation.

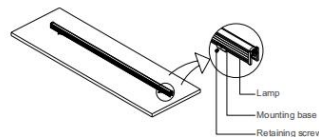


### Mount With a Rotatable Bracket

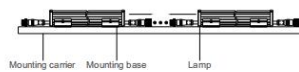
1. Use ST4 self-tapping screws to fix the mounting seat to the position of the mounting carrier as shown in the figure, with the specific spacing to be required by the lamp length.



2. Clamp the lamp on the mounting seat, and then use M4 screws to lock the lamp through the mounting seat. Secure the installation.

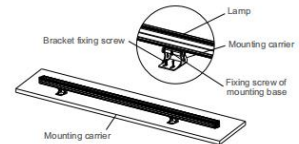


3. Finally, connect the male and female connectors of the waterproof joint line through threads as shown in the figure, and secure the installation.

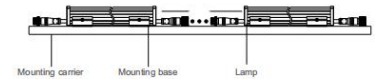


### Mount With a Mounting Base

1. Use ST4 self-tapping screws to fix the mounting seat to the position of the mounting carrier as shown in the figure, with the specific spacing to be required by the lamp length.



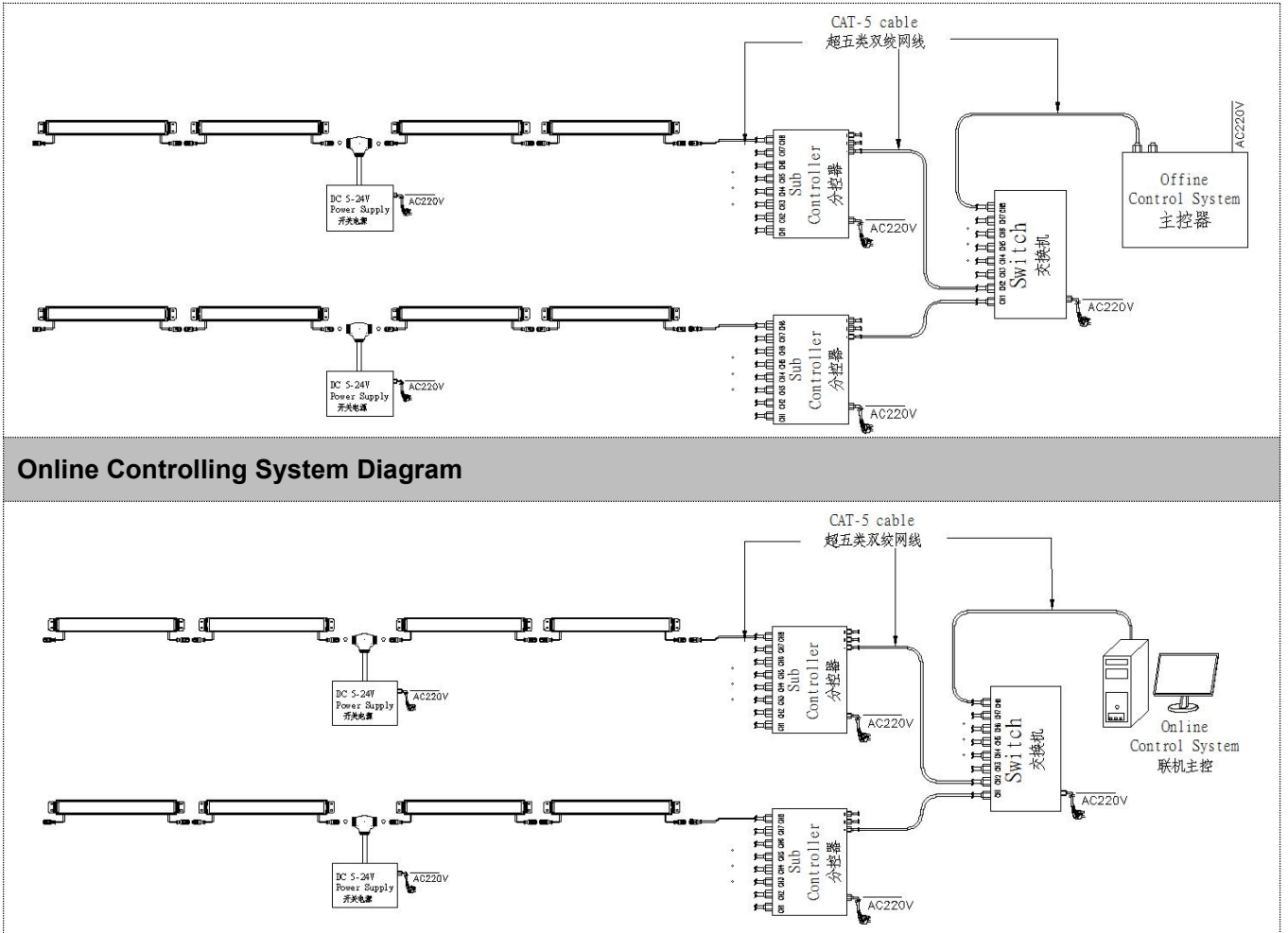
2. Finally, connect the male and female connectors of the waterproof joint line through threads as shown in the figure, and secure the installation.



## System connection diagram:

- 1、 Main 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.
- 5、 the maximum spacing of not more than 5 meters, more than the need to add a signal amplifier.

## Offline Controlling System Diagram



**Online Controlling System Diagram**