

## EXC-B215MA LED Flood Light



Application Environment:  
Indoor  
Outdoor

### Description

**EXC-B215MA** series of products is a series of high-performance monochrome projection lamps specially designed for outdoor landscape lighting. It can be used for outdoor landscape lighting building facade painting, casting, lighting tree and other applications.

### Features

- High strength aluminum alloy lamp body, excellent texture, excellent stability
- Comb convection low thermal resistance path heat dissipation, effectively prolong the service life
- High quality material, installation and technology,  $\geq$  IP65 dust and water
- The whole lamp durable anti UV, anti corrosion, in line with the national standard

### Basic Specifications

Color Range	W/RGB/RGBW
Light Source	SMD R/G/B/W LED
Source Life	35,000h
Material	HighIntensity Alloy Aluminum/Tempered Glass
Weight	3.65kg

### Environmental Specifications

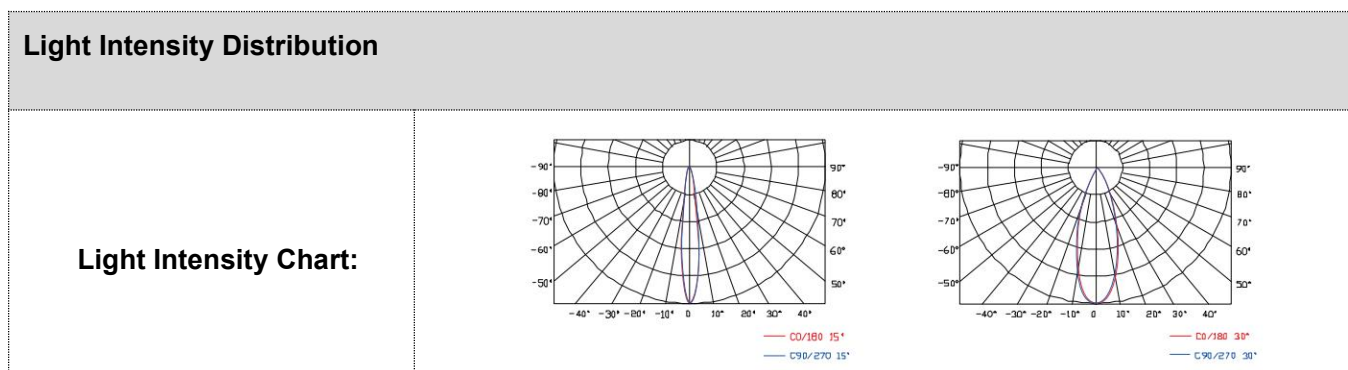
Working Temperature	-40°C to 50°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP65

### Electrical Specifications

Working Voltage	DC24V/AC220V
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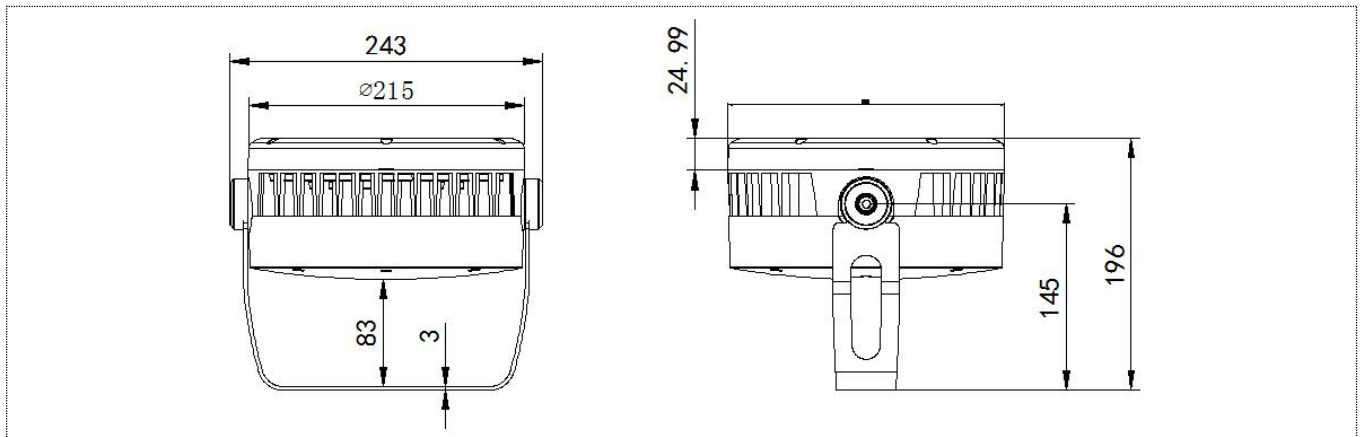
Max. Power Consumption	72W
<b>Optical Specifications</b>	
Beam Angle	15° /20° /30° /45° /60° available

<b>Controller</b>	
Host Controller	EXC-Y220、EXC-Y880、EXC-M520、
Slave Controller	EXC-2905T1、EXC-S880



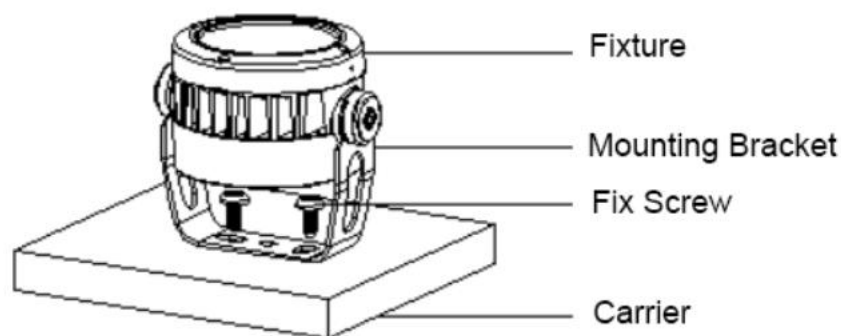
Product Mode	Voltage	Wattage	Light source	Protocol	Material	LM/W	LED Diodes Brand
EXC-B215MA	DC24V	72W	36pcs W	ON/OFF or	Aluminum+Tempered Glass	≥70lm/w	Option
EXC-B215MA	DC24V	72W	12R+12G+12B	DMX512	Aluminum+Tempered Glass	≥30lm/w	Option
EXC-B215MA	DC24V	72W	8R+8G+8B+12W	DMX512	Aluminum+Tempered Glass	≥50lm/w	Option
EXC-B215MA	AC220V	72W	36pcsW	ON/OFF or	Aluminum+Tempered Glass	≥70lm/w	Option
EXC-B215MA	AC220V	72W	12R+12G+12B	DMX512	Aluminum+Tempered Glass	≥30lm/w	Option
EXC-B215MA	AC220V	72W	8R+8G+8B+12W	DMX512	Aluminum+Tempered Glass	≥50lm/w	Option

<b>Physical Dimension</b>	Unit: mm
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### Installation Diagram

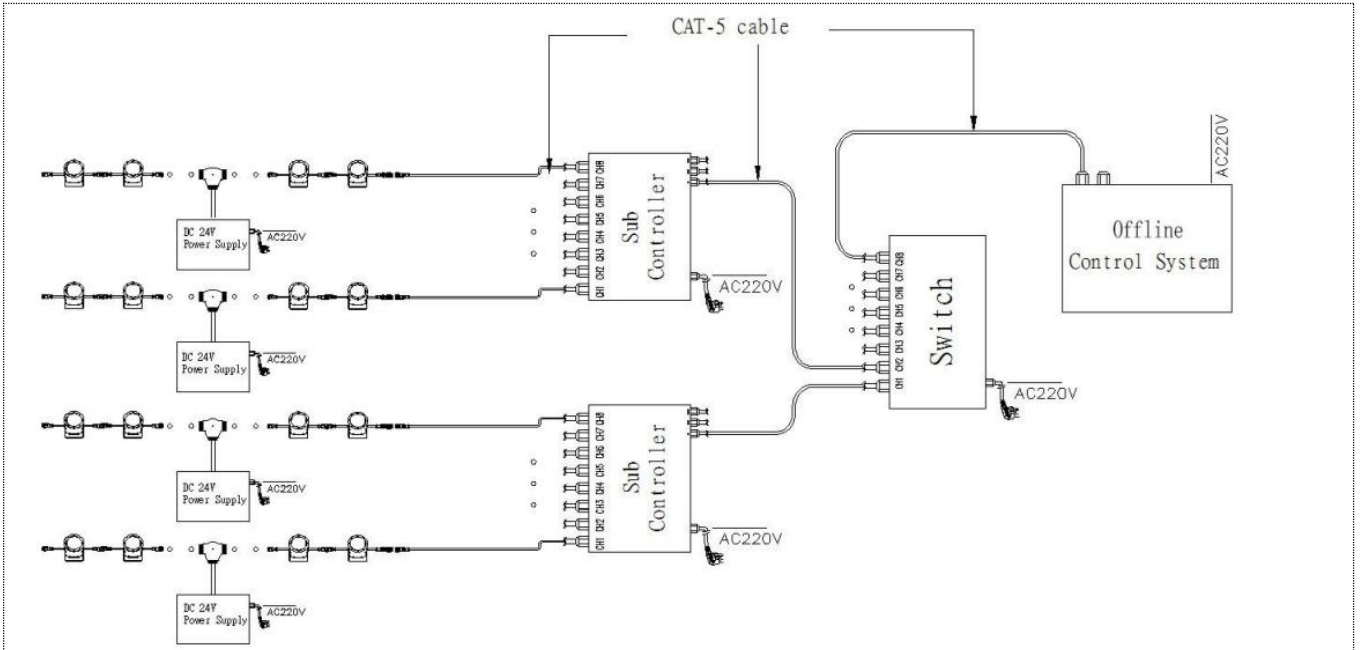
Select M10 screw ,fix the luminaires as below



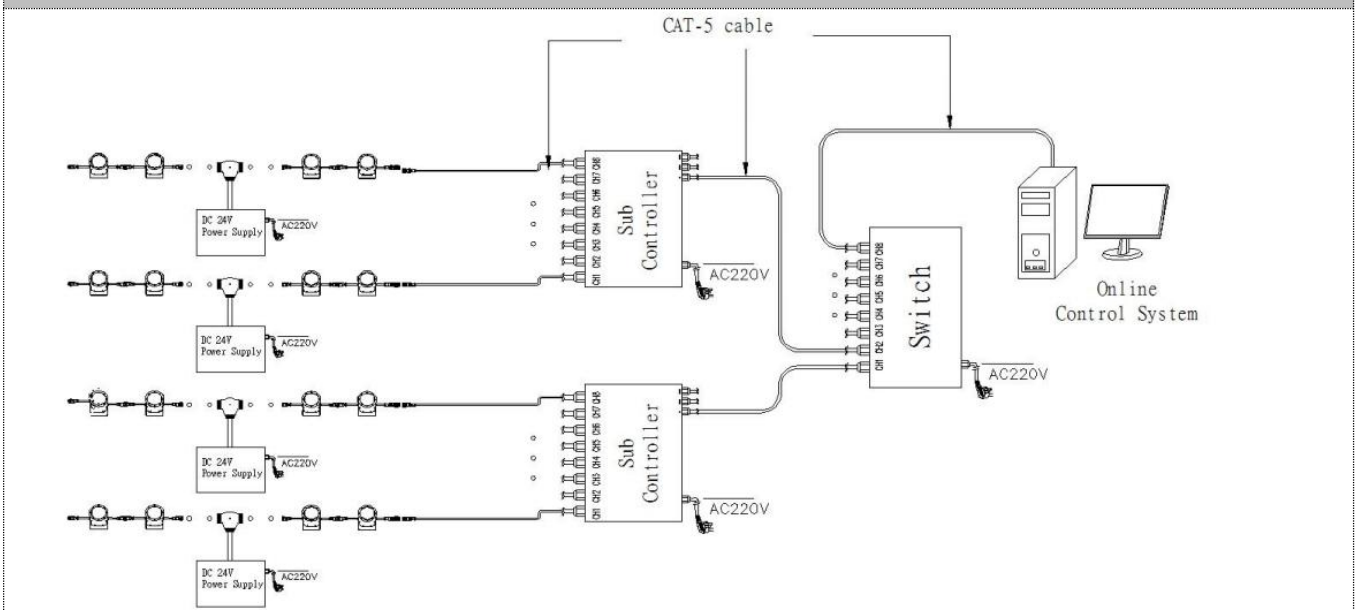
### System connection diagram:

- 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



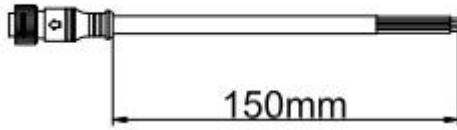
**Online Controlling System Diagram**



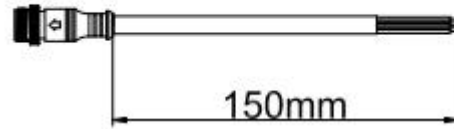
**Accessories :**

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

Female Connector

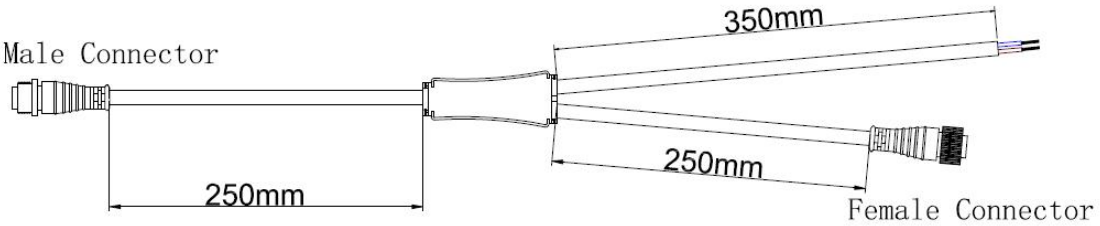


Male Connector



**2: Y Shape Connector(For power Distribution)**

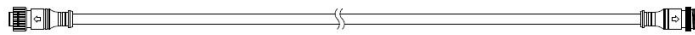
Male Connector



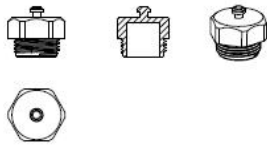
**3: Interconnection Cable(1.3M,3M,5M is standard length)**

Female Connector

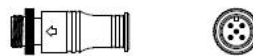
Male Connector



**4: End Cap**



Male Connector



Male Connector