

## EXC-B270D LED Flood Light



### Application Environment:

Indoor  
Outdoor

### Description :

**EXC-B270D** 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 trees 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	High-strength aluminum alloy/tempered glass
Weight	6kg

### Environmental Specifications

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

### Electrical Specifications

Working Voltage	AC220V
Max. Power Consumption	200W

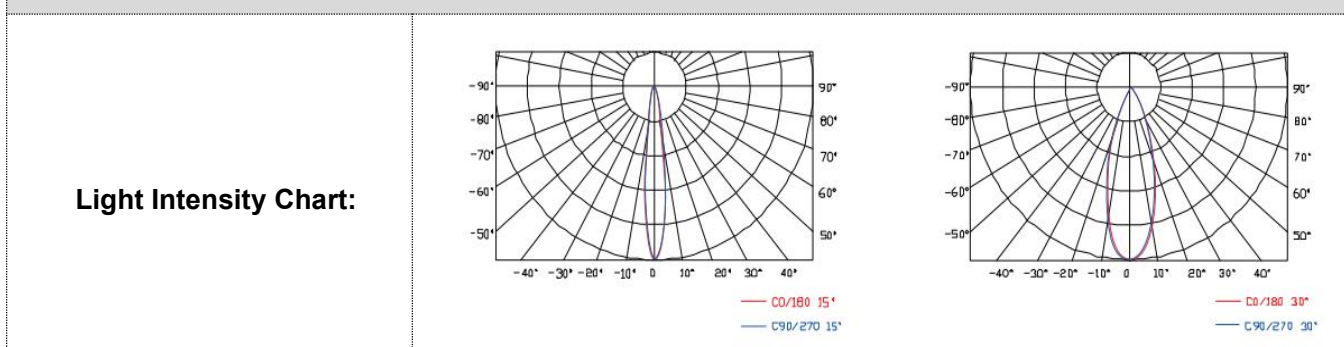
### Optical Specifications

Beam Angle	3535/3030P7/XP/3535: 15° /20° /30° /45° /60° /80° 3030-P7 /3535-XP: 10° 3535-XP: 6°
------------	---

### Controller

Host Controller	EXC-Y220、EXC-Y880、EXC-M520、EXC-M620、EXC-M630、EXC-M830、EXC-6000、EXC-8000、EXC-10000
Slave Controller	EXC-2905T、EXC-S880

### Light Intensity Distribution

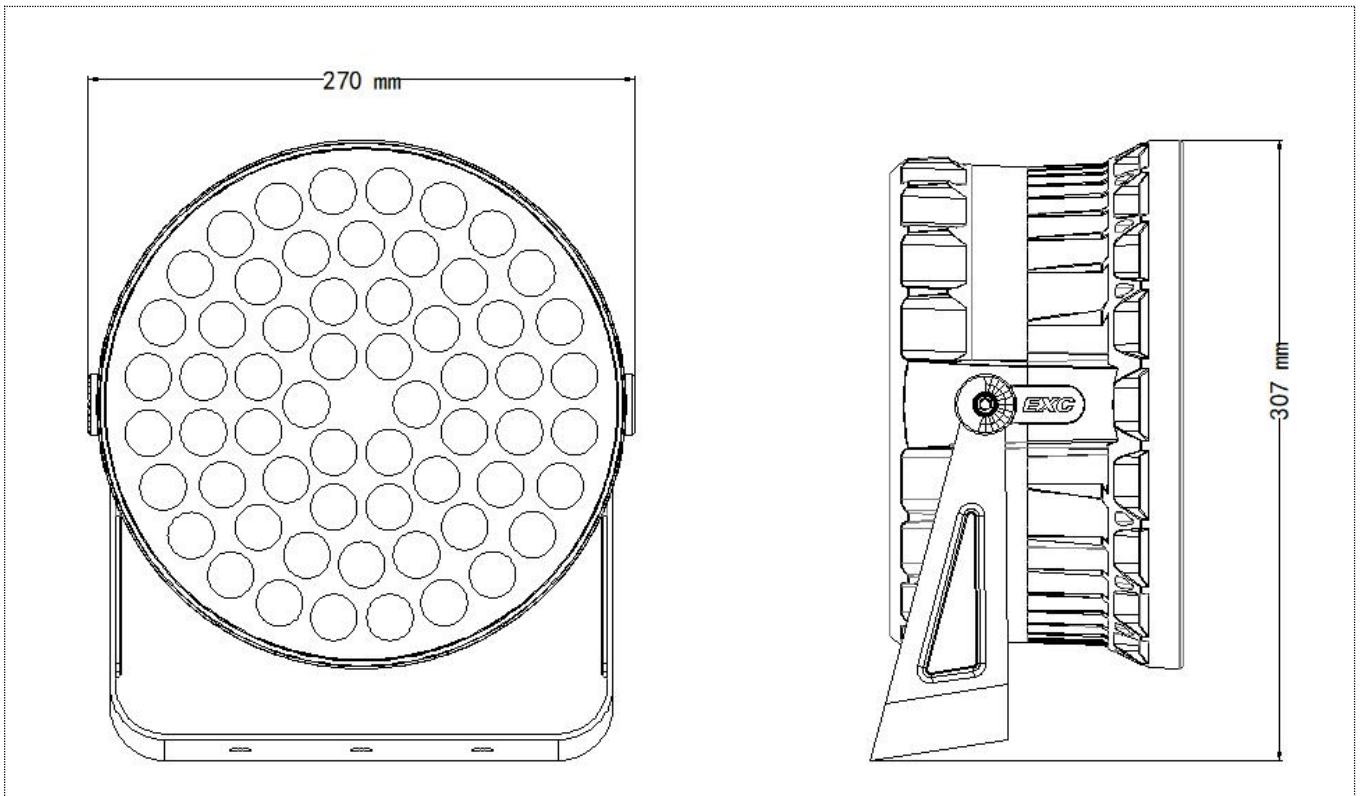


### Order Info

Product Model	Voltage	Power	Light Source	Control Protocol	Gray Scale Level	Material	Luminous Efficacy	LED Brand
EXC-B270D	AC220V	144W	48pcs W	ON/OFF or DMX512	65536	aluminum +glass	≥65lm/w	Optional
EXC-B270D	AC220V	200W	20R+20G+20B	DMX512	65536	aluminum +glass	≥25lm/w	Optional
EXC-B270D	AC220V	200W	15R+15G+15B+15W	DMX512	65536	aluminum +glass	≥35lm/w	Optional

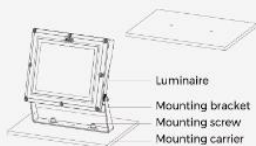
### Physical Dimension:

Unit: mm

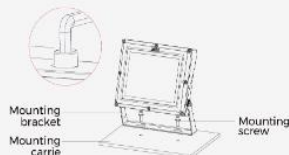


### Installation Diagram:

#### Lighting Installation



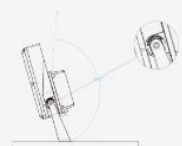
1. Machining fixing holes in the carrier according to the bracket hole spacing;



2. Mount the luminaire on the carrier, tighten the screws with a wrench, ensure that it is securely mounted;



3. Each light is connected electrically via butt plug connectors;

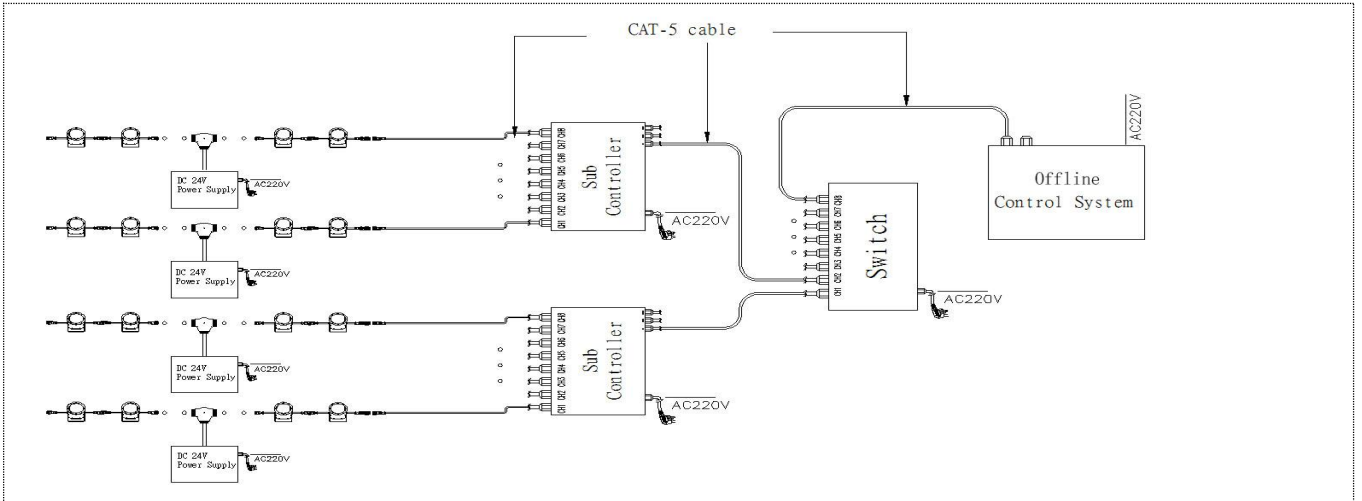


4. Loosen the screws on both sides of the bracket, adjust the irradiation angle to meet the irradiation requirements, finally tighten the screws.

### 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.
- 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:**

