EXC-W52HBL   Multi-pixel LED Wall Washer

Application Environment：
Indoor
Outdoor

Description

EXC-W52HBL full color series are high power outdoor landscape LED wall washer with high strength aluminum alloy housing by EXC-LED. EXC-W64B can be used for accent lighting or flood lighting, such as building facade, bridge, stage, etc. Customized lighting fixture length available.

Features

- Professional comb convection heat dissipation design

- Unique waterproof and breathable design

- Low thermal resistance path heat dissipation design

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

- Projection distance: 1-8m
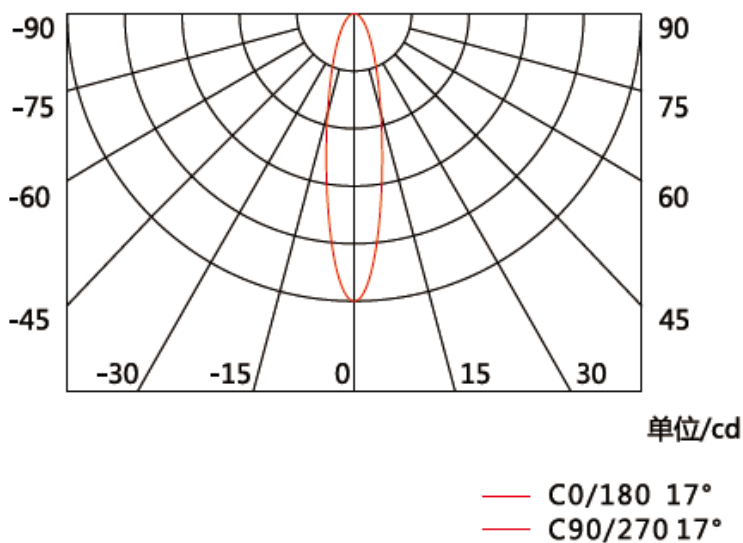
Basic Specifications

Color Range	W(2700K-6500K)
Light Source	24 LEDs
Working Voltage	AC 220V
Max. Power Consumption	36W
Control	DMX512
Segment	1
Grey Scale	8bit, 16bit
Source Life	50,000 h
RDM	Optional
LED chip Brand	Optional(Cree, OSRAM, Lumileds, Epistar, etc...)
Housing	High Strength Aluminum
Cover	PC
Weight	1.86KG
Working Temperature	-40°C to 60°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP66

Efficiency flux	≥120LM/W
Beam Angle	17°

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

Light Intensity Distribution

Light Intensity Chart	

单位/cd

— C0/180 17°
— C90/270 17°

Physical Dimension

Unit：mm

1001

55

69

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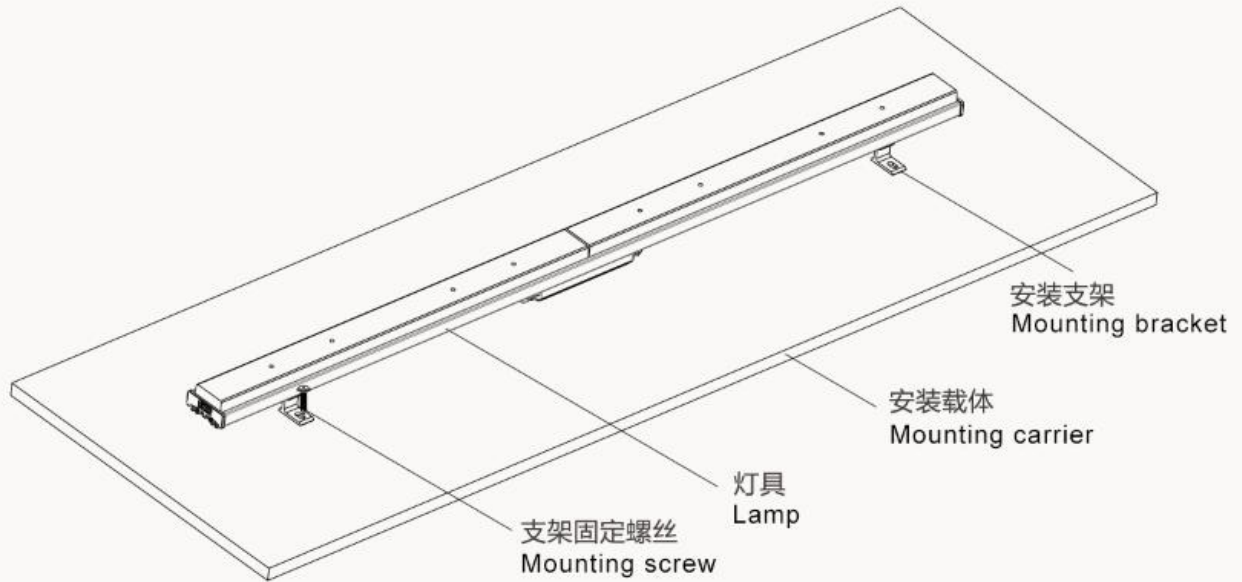Focus on LED Pixel Light, Specialized in LED Landscape Lighting.
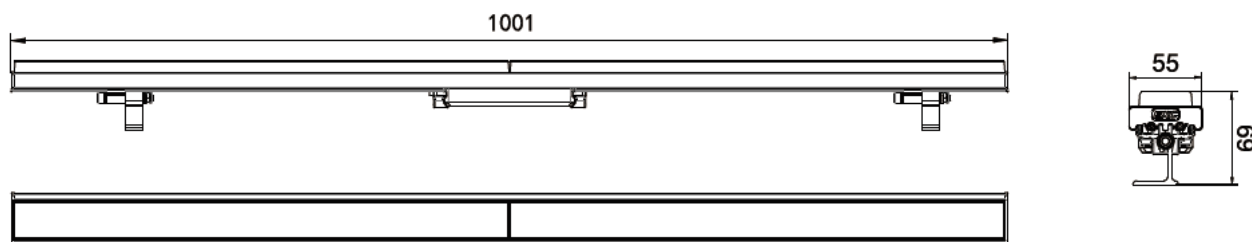
Installation Diagram

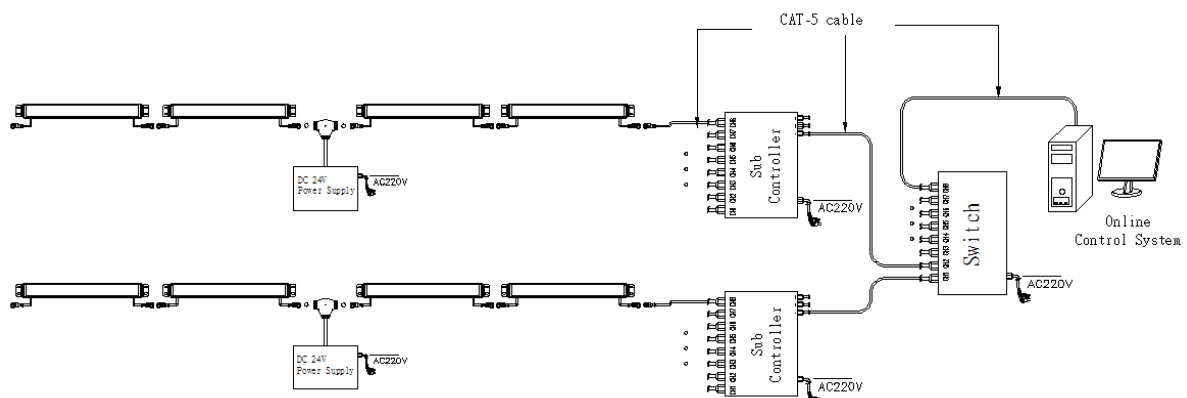选用M6膨胀螺丝,按如图方式将安装座固定到需求位置,具体间距按灯具长度要求.

Use M6 expansion screws to fix the mounting bracket to the required position as shown in the figure.
The specific spacing shall be based on the length of the lights.

安装支架
Mounting bracket

安装载体
Mounting carrier

灯具
Lamp

支架固定螺丝
Mounting screw

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

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.
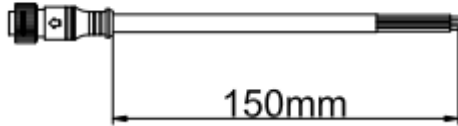
Online Controlling System Diagram
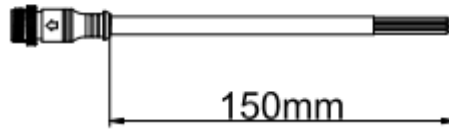

Offline Controlling System Diagram

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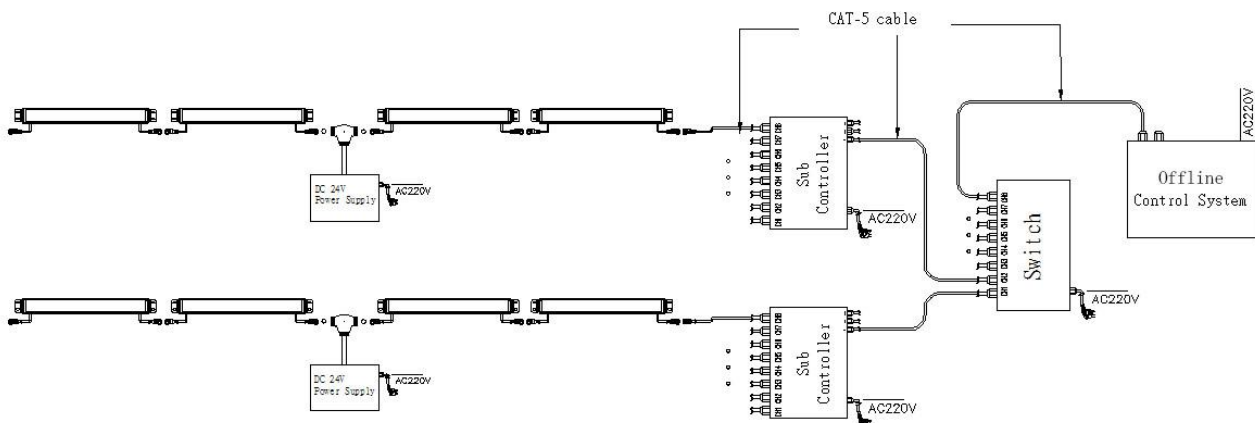
Accessories :

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

Female Connector

Male Connector
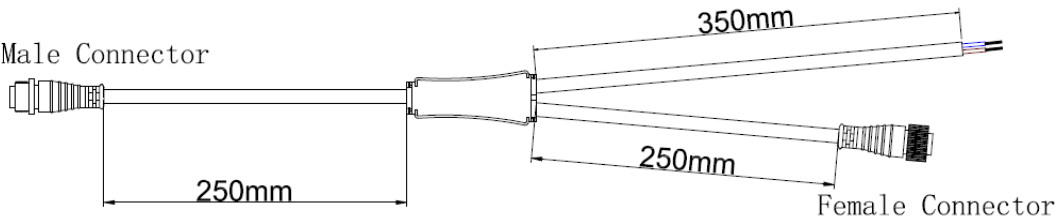
150mm

150mm

2: Y Shape Connector(For power Distribution)

Male Connector

350mm

250mm

250mm

Female Connector

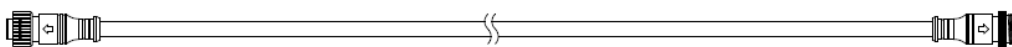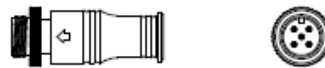**3: Interconnection Cable(1.3M,3M,5M is standard length)**

Female Connector

Male Connector

4: End Cap

Male Connector

Male Connector