

EXC-W55CRH Multi-pixel LED Wall Washer



Application Environment: Indoor Outdoor

Description

EXC-W55CRH full color series are high power outdoor landscape LED wall washer with high strength aluminum alloy housing by EXC-LED. EXC-W55CRH can be used for accent lighting or flood lighting, such as building facade, bridge, stage, etc. Customized lighting fixture length available.

Features

- The newest generation technology: DMX512 parallel bus design
- Patented comb-like convection design ensure better heat dissipation
- Low thermal resistance path heat dissipation design
- Design of unique waterproof and ventilation
- Outdoor lighting protection and electrostatic discharge (ESD) protection design
- Projection distance: 1-5m

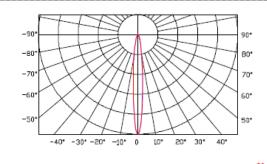
| Basic Specifications | |
|------------------------|---|
| Color Range | RGBW,RGB, W(2200K-6500K) |
| Light Source | 24/36 pcs LEDs |
| Working Voltage | AC 220V |
| Max. Power Consumption | 36/48W(white), 54/60W(RGB), 48W(RGBW) |
| Control | DMX512, ON/OFF |
| Segment | 1 |
| Grey Scale | 8bit, 16bit |
| Source Life | 50,000 h |
| RDM | Optional |
| LED chip Brand | Optional(Cree, OSRAM, Lumileds, Epistar, etc) |
| Housing | High Strength Aluminum |
| Cover | Tempered glass |
| Weight | 2.6KG |
| Working Temperature | -40°C to 60°C |
| Storage Temperature | -40°C to 70°C |



| Protection Rating | IP66 |
|-------------------|--|
| Efficiency flux | ≥70LM/W(White),≥45LM/W(RGBW),≥30LM/W(RGB) |
| Beam Angle | 12°、12*22°、16*50°,and other beam angle available |

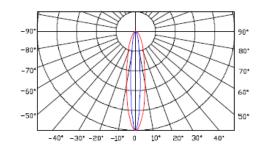
| Host Controller | EXC-5200 |
|------------------|-------------------------------|
| Slave Controller | EXC-2905T1 |
| Signal Cable | EXC-LED outdoor special cable |

Light Intensity Distribution

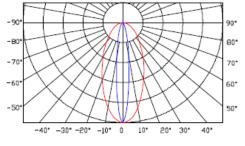


--- C0/180 12* --- C90/270 12*

Light Intensity Chart



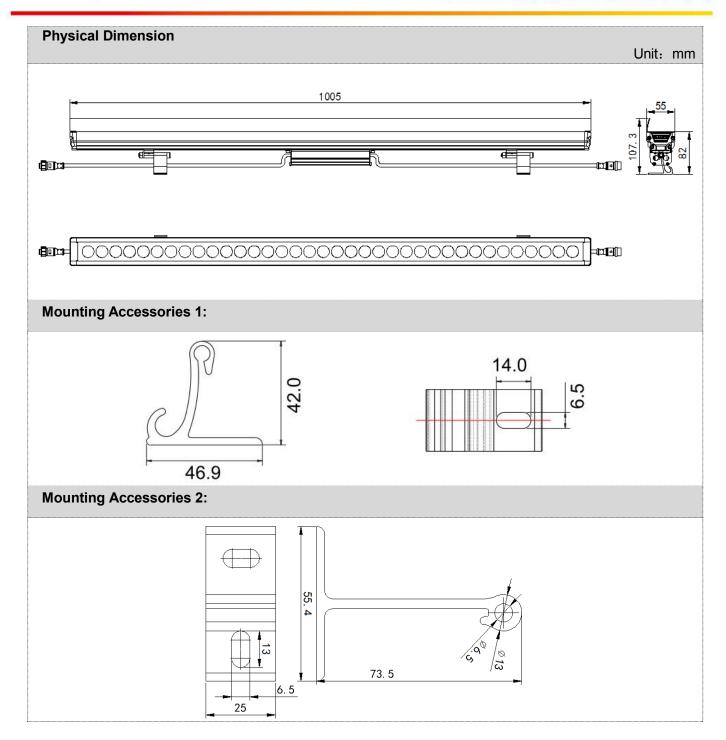
--- C0/180 22°



--- CO/180 50°

--- C90/270 16*



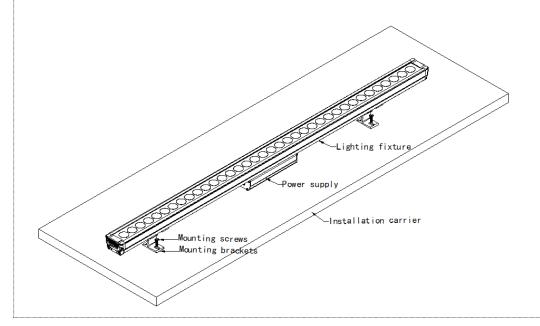




Installation Diagram

Step 1: Use M6 expansion screw and fix the mounting seat to the required position as shown. And specific spacing according to lamp length requirements.

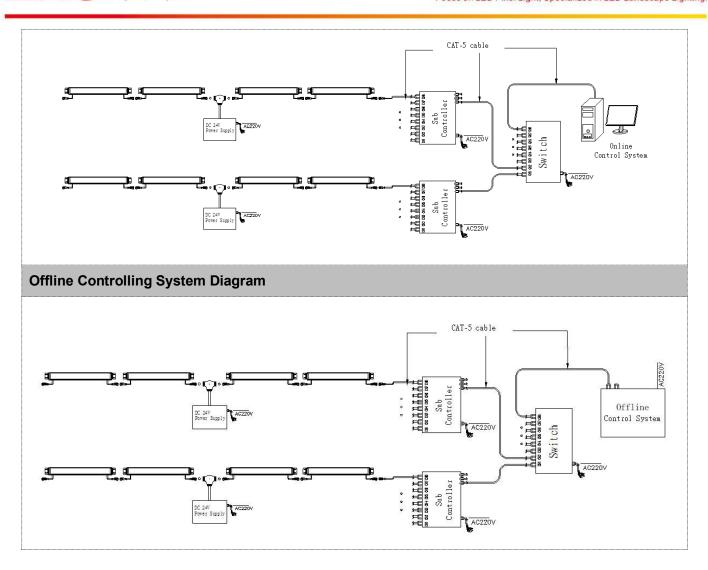
Step2: Fix the screws.



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.

Online Controlling System Diagram





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) 350mm Male Connector 250mm 250mm Female Connector 3: Interconnection Cable(1.3M,3M,5M is standard length) Male Connector Female Connector 4: End Cap

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Male Connector

Male Connector