

EXC-W52HBL LED Wall Washer



Application Environment:
Indoor
Outdoor

Description:

EXC-W52HBL product is a high-strength aluminum alloy shell, strip-shaped high-power wall washer designed for outdoor landscape lighting. It can be used to paint specific lighting areas or landscapes, and is applied to building facades, bridges, stages, etc.; Various lengths of lamps are optional.

Features:

- Non-glass light-emitting surface design, unique shape
- Lamp energy efficiency value exceeds 140lm/w
- One-piece N in one lens, full structure waterproof
- A variety of mounting brackets to meet different installation environments
- Height of wall washing: 3-5m

Basic Specifications

Color Range	W
Light Source	SMD W LED
Source Life	35,000h
Material	High-strength die-cast aluminum alloy/PC
Weight	1.86Kg

Environmental Specifications

Working Temperature	-40°C-50°C
Storage Temperature	-40°C-70°C
Protection Rating	IP66
Application Environment	Outdoor

Electrical Specifications

Working Voltage	DC24V
Max. Power Consumption	36W

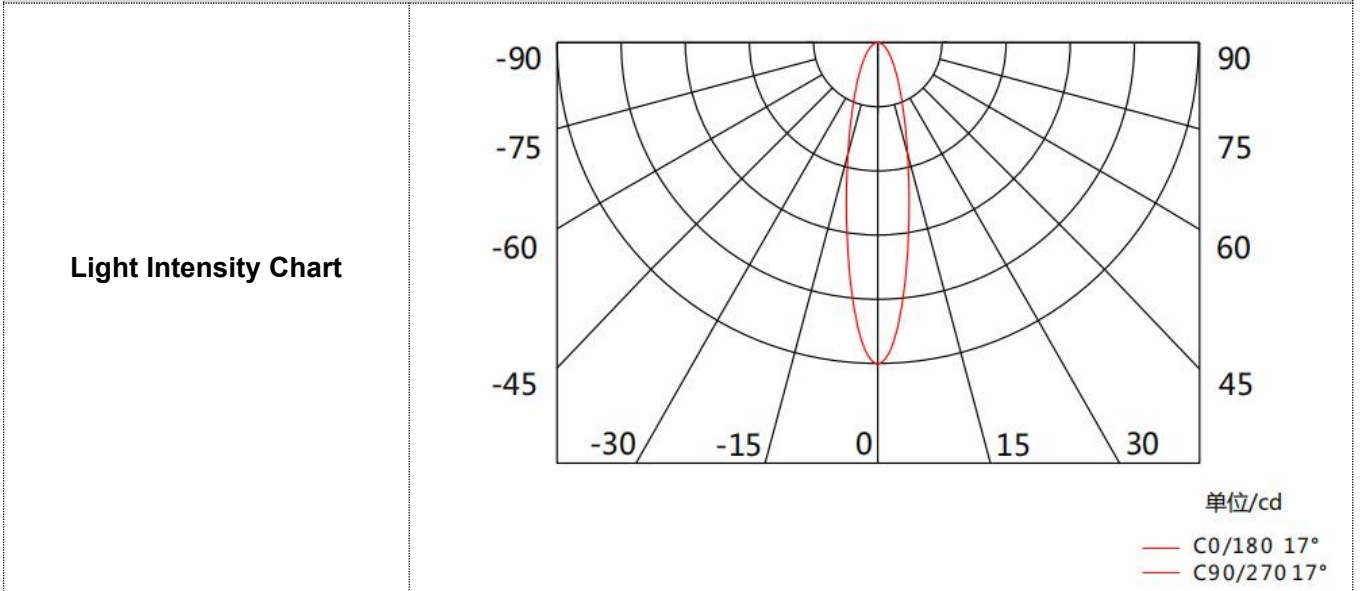
Optical Specifications

Beam Angle	17°
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Controller

Host Controller	EXC-Y220、EXC-Y880、EXC-M520、EXC-5200、EXC-6000、EXC-8000、EXC-10000.....
Slave Controller	EXC-S880、EXC-2905.....

Light Intensity Distribution



Order Info

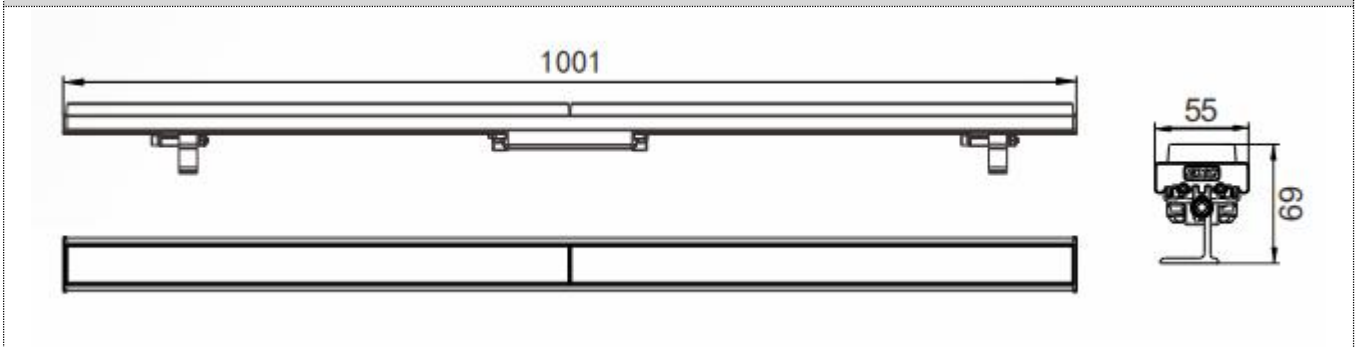
Product Model	Voltage	Power	Light Source	Angle	Control Protocol	Gray Scale Level	Material	Luminous Efficacy	LED Brand
W52HBL	DC24V	36W	24 pc W	17°	DMX512	256/65536	aluminum+ PC	≥140lm/w	Optional

Note 1: LED brands: CREE/OSRAM/LUMILEDS/Taiwanese/Chinese options available

Note 2: For optical parameters above 2700K, CREE/OSRAM/LUMILEDS chips are used as references

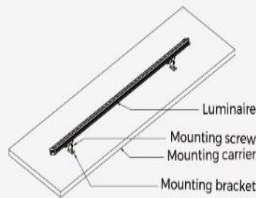
Physical Dimension

Unit: mm



Installation Diagram

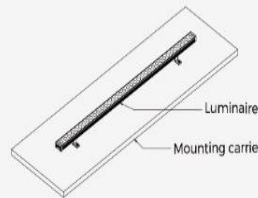
Lighting Installation



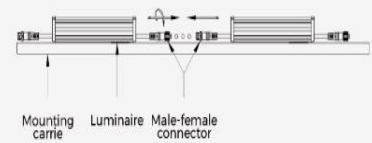
1. Rotate the bracket at an angle so that the bracket mounting holes are exposed;



2. Secure the luminaire to the mounting carrier with the mounting screws as shown;



3. Rotate the fixture to the desired angle, taking care to mount it securely;

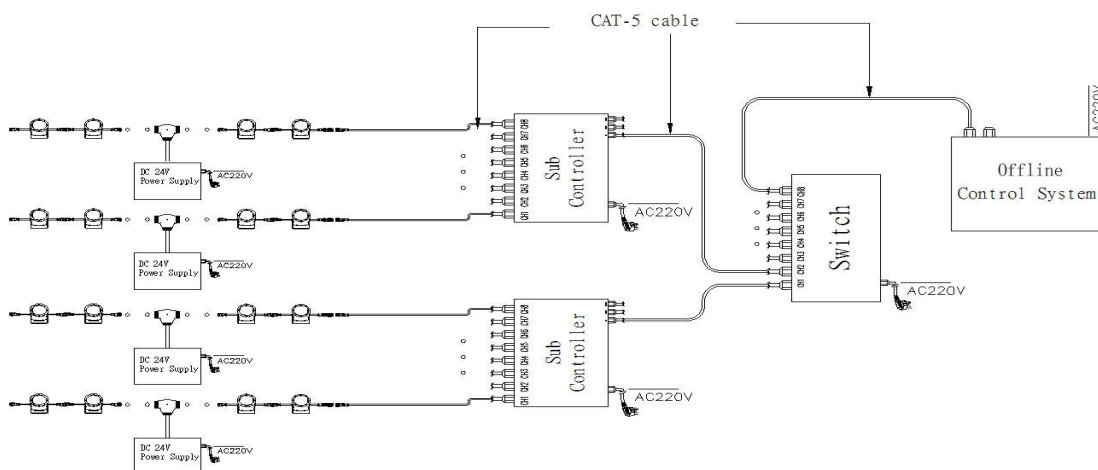


4. Finally, after inserting the male and female connectors, turn the knob on the female end to lock it, take care to install it firmly.

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.
- 3、 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

