EXC-P35AP5 LED Pixel Light



Application Environment：
Indoor
Outdoor

Description

EXC-P35AP5 full color series are a full-color LED series string LED pixel, which are designed for outdoor landscape lighting by EXC-LED. Each EXC-35AP5 pixel is a separate lighting pixel, and each pixel can realize 8/16bit grades gray scale changing. They can be used for indoor and outdoor applications, Customized pixel pitch, and easy installation.

Features

- The newest generation technology: DMX512 parallel bus design
- Integrated clip-on endless connection
- Fully sealed and waterproof design with high thermal conductive adhesive imported from Germany
- Special outdoor lightning and ESD protection

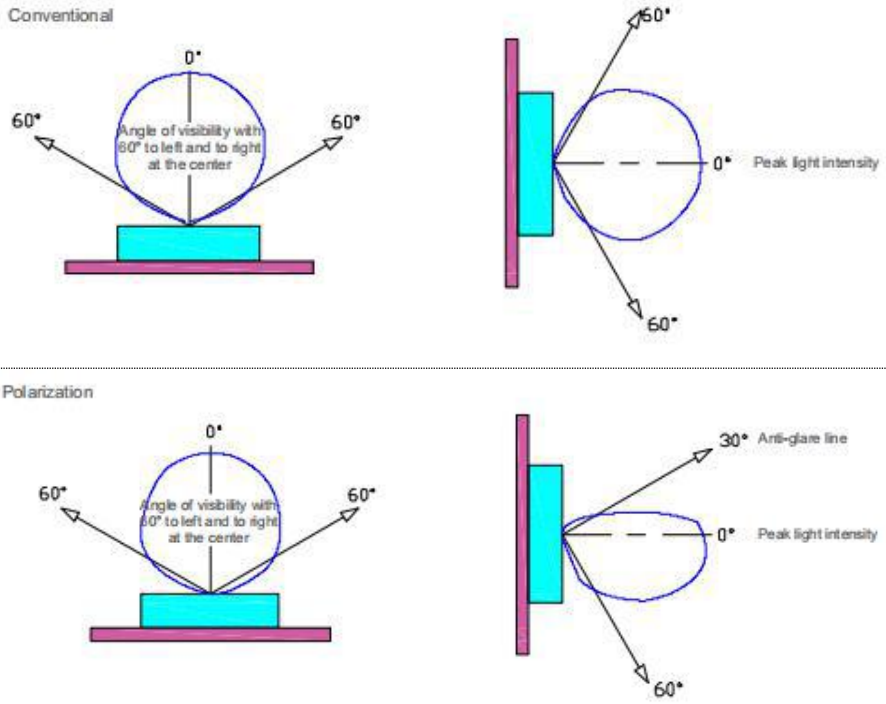
Basic Specifications

Color	W(2200K-6500K), RGB, RGB+W, etc...
Working Voltage	12V/15V
Max. Power Consumption	0.9W
Light Source	3pcs SMD LEDs
CRI	80
Control	ON/OFF, DMX512
Grey Scale	8bit, 16bit
Source Life	50,000h
RDM	Optional
LED chip Brand	Optional(Cree, OSRAM, Lumileds, Epistar, etc...)
Cover	PC(Transparent,Opal)
Housing	PC+ABS
Weight	35g
Dimensions	57mm x 35.5mm x 18mm (L x W x H, exclude Mounting Bracket)
Installation	Installation with profiles
Working Temperature	-40°C to 50°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP66

Luminous Flux	25LM/W(RGB), 50LM/W(White), 30LM/W(RGBW)
Central Light Intensity	15cd(W)/7.5cd(RGB)/8cd(RGB+W)
Beam Angle	⩾105°

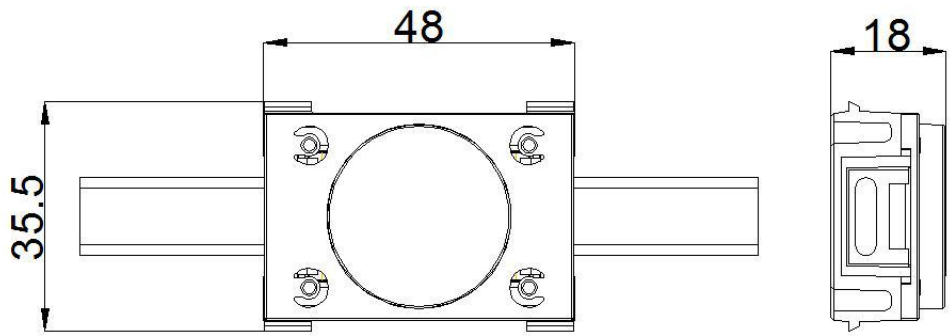
Light Intensity Distribution

Light Intensity Chart

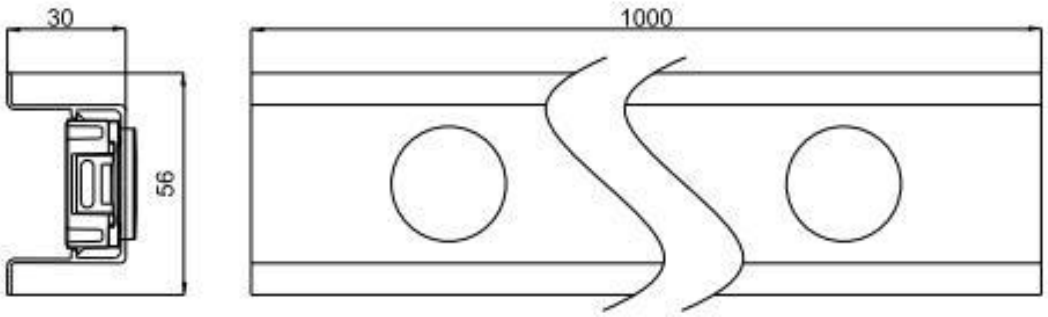


Physical Dimension

Unit：mm



Installation By Aluminum Profile



System connection diagram：

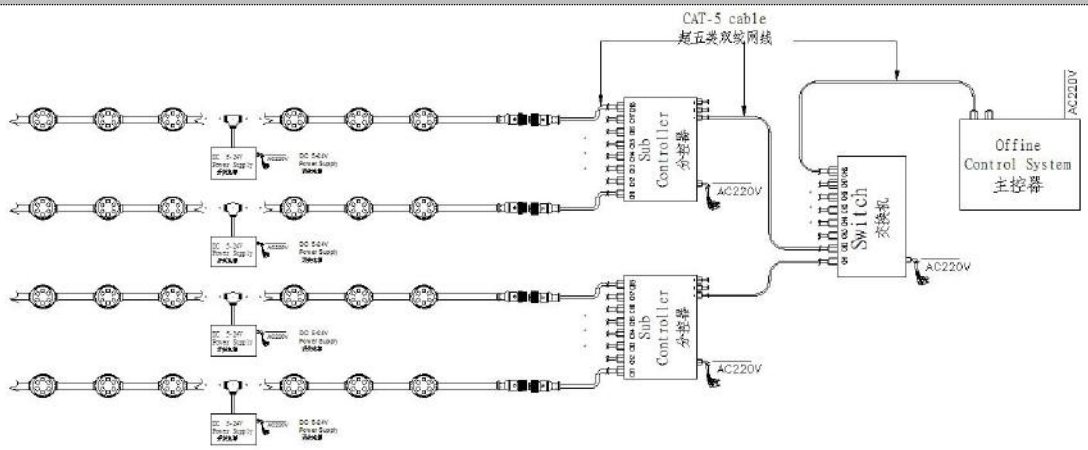
1、Host controller should connect with slave controller. Working voltage for controllers are AC220V.

2、On-line main controller should connect with slave controller, on-line main controller and sub controller working voltage are AC220V.

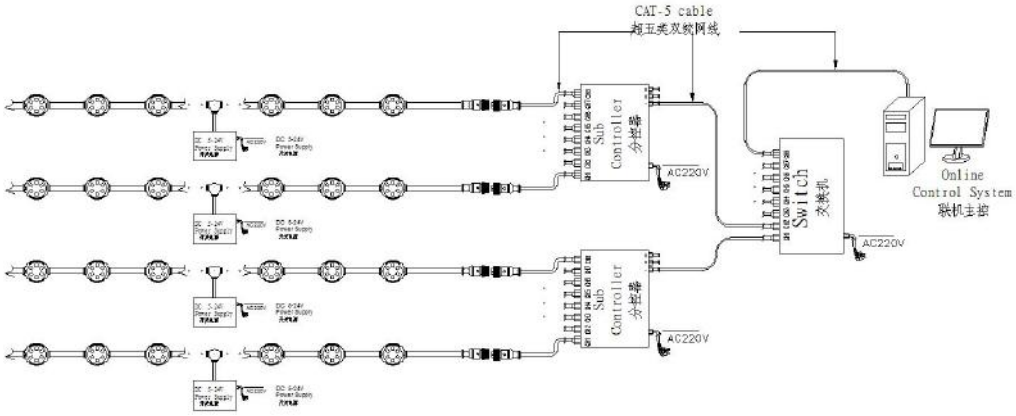
3、each sub-controller with 8 ports, with each port 512 pixels, supporting data converter, supports 100 meters ultra-long haul transmission.

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

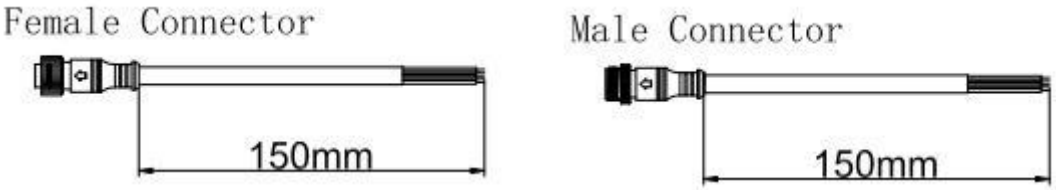


Offline Controlling System Diagram

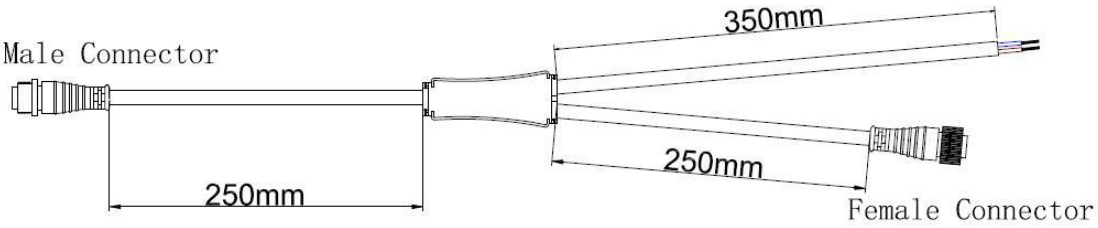


Accessories :

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



2: Y Shape Connector(For power Distribution)



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



4: End Cap

