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.
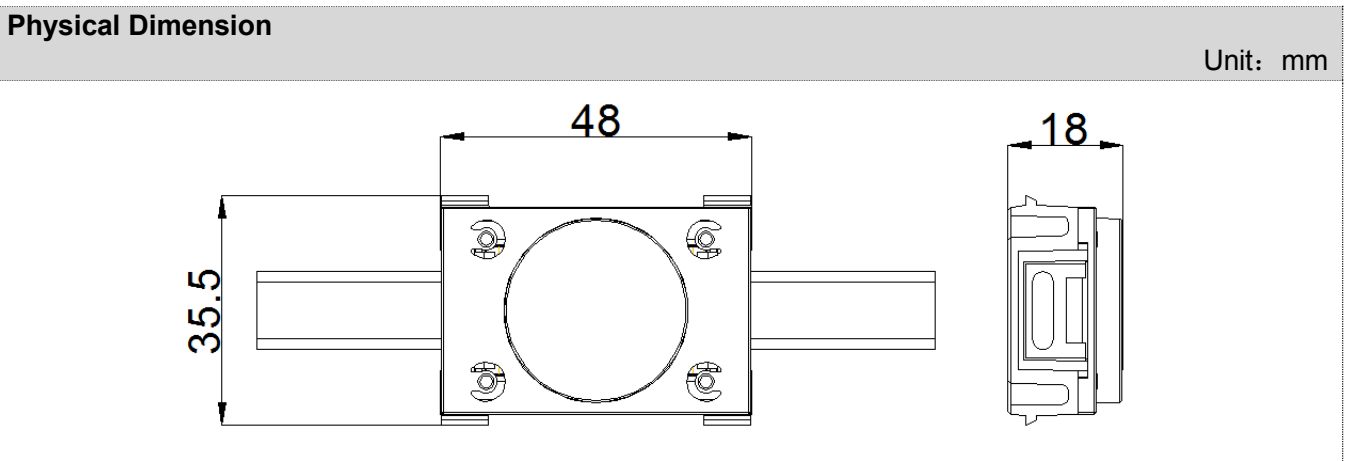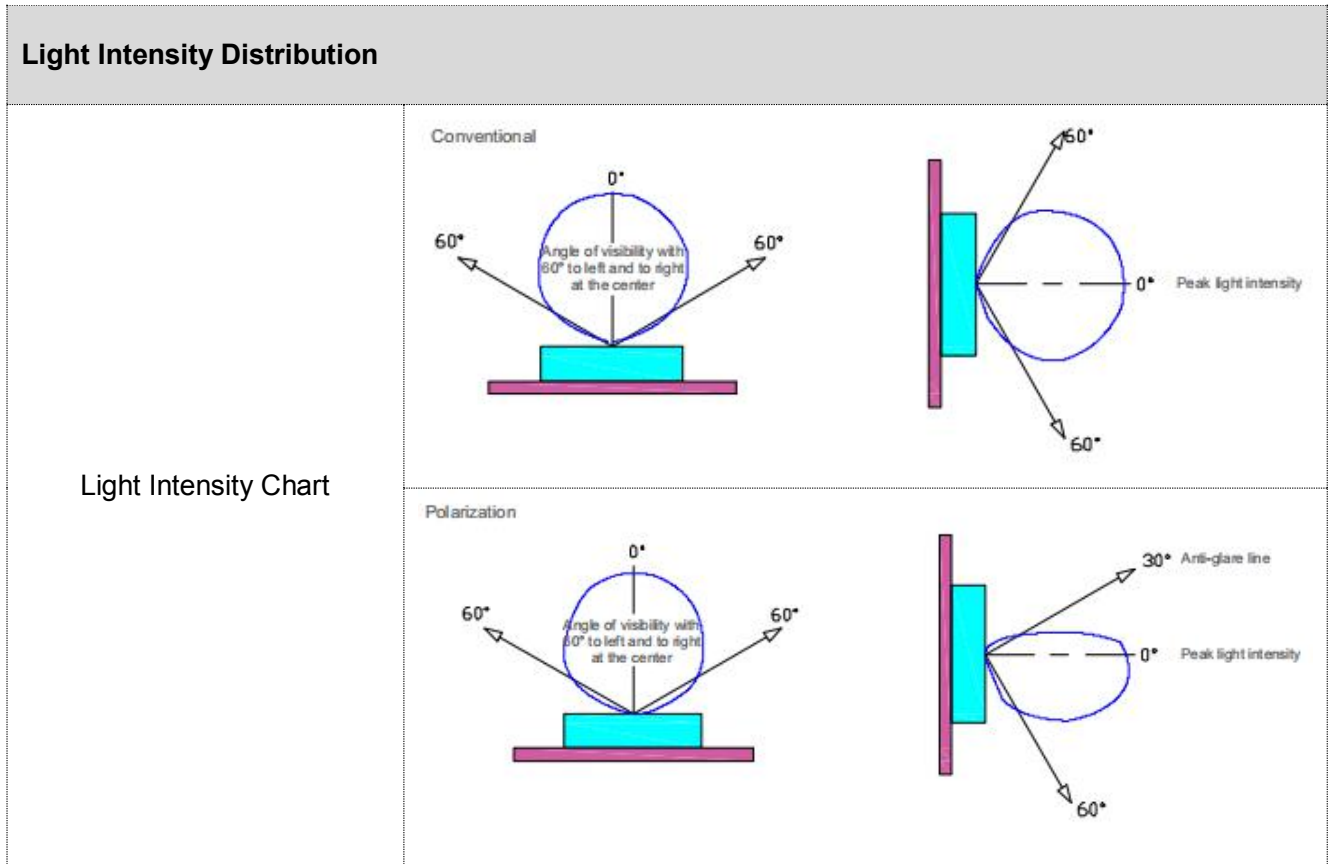
Features

- 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
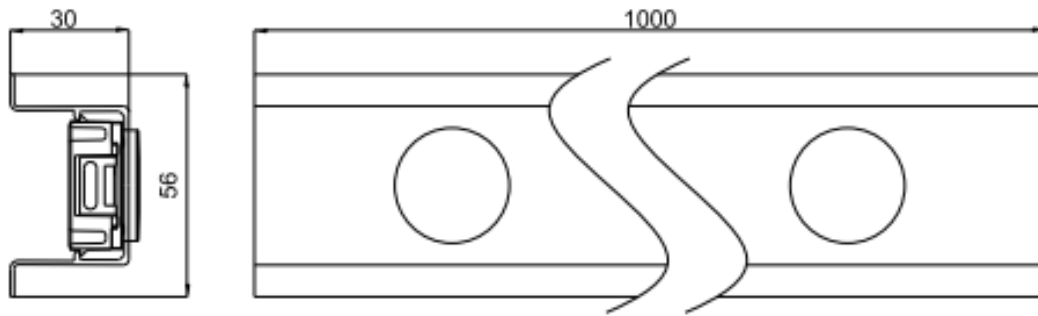- Special outdoor lightning and ESD protection

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	48mm x 35.5mm x 18mm (L x W x H, exclude Mounting Bracket)
Installation	Installation By Aluminum Profile
Working Temperature	-40°C to 60°C
Storage Temperature	-40°C to 70°C
Protection Rating	IP66
Luminous Flux	25LM/W(RGB), 50LM/W(White), 30LM/W(RGBW)

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Central Light Intensity	15cd(W)/7.5cd(RGB)/8cd(RGB+W)
Beam Angle	≥105°

Light Intensity Distribution

Light Intensity Chart	

Conventional

Angle of visibility with 60° to left and to right at the center

Peak light intensity

Polarization

Angle of visibility with 60° to left and to right at the center

Anti-glare line

Peak light intensity

Physical Dimension

Unit：mm

48

35.5

18

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.
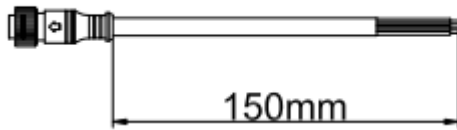
Online Controlling System Diagram
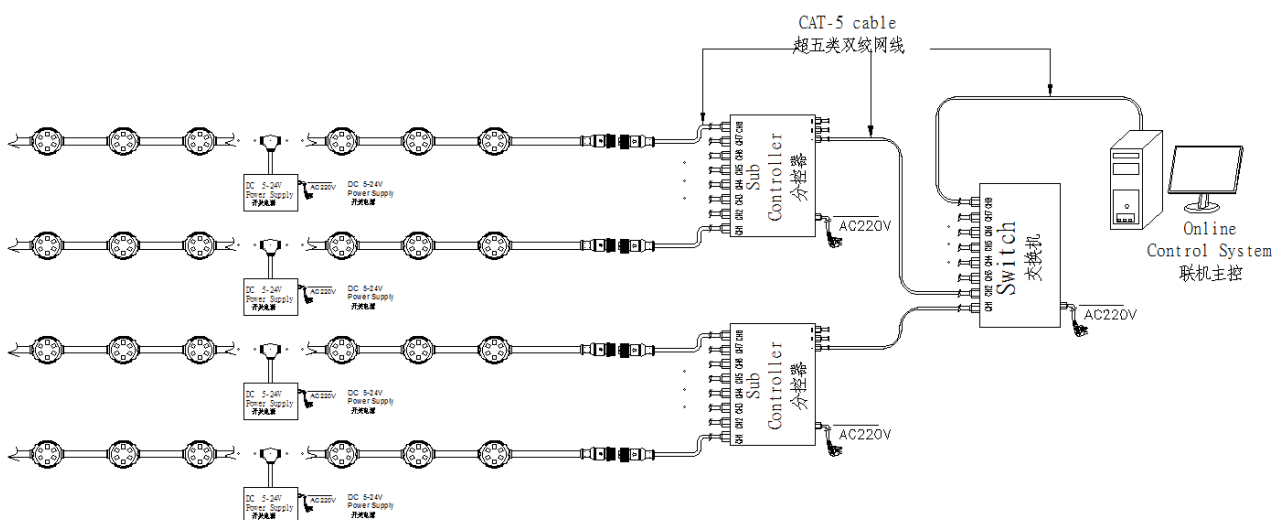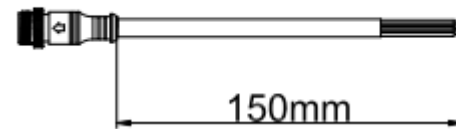
Offline Controlling System Diagram
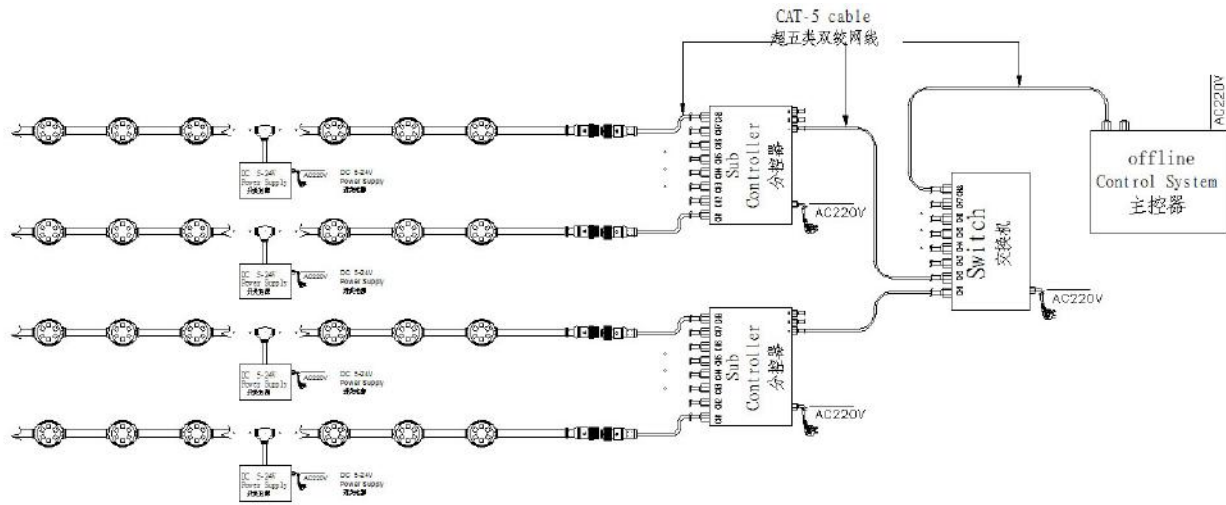
Accessories :

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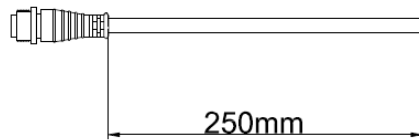

Female Connector — 150mm

Male Connector — 150mm

2: Y Shape Connector(For power Distribution)
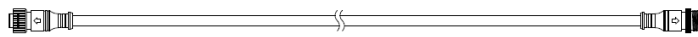

Male Connector — 250mm

350mm

250mm

Female Connector

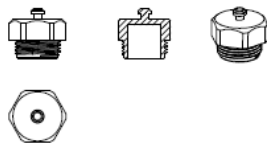**3: Interconnection Cable(1.3M,3M,5M is standard length)**

Female Connector

Male Connector

4: End Cap

Male Connector

Male Connector