

# PX6B

i-Pixel Series Pixel Lamp

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## ICON



## Features:

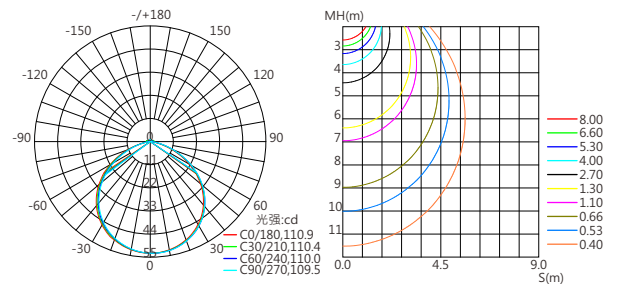
- Small size single pixel LED lights, suitable for high pixel density
- LED pixel light array, usually used for building media, large-scale urban landscape and urban lighting.
- The Polymer Silica Gel material whole potting waterproof anti-static, the protection grade all reaches the IP 66.
- C24V power supply, ensure feed, effective signal transmission, low line loss.
- Constant current drive, built in PWM grayscale control, grayscale level 25665536.

## Photometry:

- Lamp Source : SMD 3535
- Beam Angle ( 50% ) : 110°

Average Beam Angle (50%): 110.2° degree

Isolux Curve ( lx )

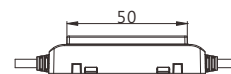
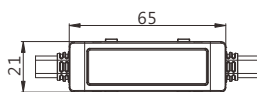


Note: Test data is based on PX6B-W0065-0006CTA-00 only.

## Beam Angle Curve:



## Dimension Details: Unit:mm



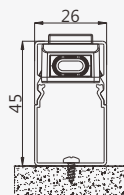
## Technical Specification:

**StrongLED大峡谷®**

| LED Type                             | CREE / OSRAM / LUMILEDS SMD                                                 |
|--------------------------------------|-----------------------------------------------------------------------------|
| LED Quantity                         | 6 pcs                                                                       |
| Power Rating                         | 1.4 <sub>(monochrome)</sub> /1.7 <sub>(RGB)</sub> /3.1 <sub>(RGB+W)</sub> W |
| Luminous Flux                        | 40 lm                                                                       |
| Luminous Efficacy                    | 24 lm/W                                                                     |
| Contrast Level                       | 8bit*4 ( 256*256*256*256 )<br>16bit*4 ( 65536*65536*65536*65536 )           |
| Viewing Angle                        | 110°                                                                        |
| Type of supply                       | DC24V                                                                       |
| Environmental Conditions             | -40°C~50°C(Temperature) / 10%~95%RH(Humidity)                               |
| Material (Housing)                   | PC housing (transparent)                                                    |
| Cable Type                           | Signal/power supply: Outdoor Special Rubber Sheath Wire                     |
| Specification size (without bracket) | 65*25*17.5mm                                                                |
| Weight                               | 40g                                                                         |
| Number of Pixel Dots                 | 1                                                                           |
| Control Type                         | DMX512                                                                      |
| IP Rating                            | IP 66                                                                       |
| Life Span                            | ≥50000 Hours                                                                |
| Application                          | Outdoor                                                                     |
| Light source color                   | Luminous flux                                                               |
| 6500K                                | -                                                                           |
| 5700K                                | -                                                                           |
| 5000K                                | -                                                                           |
| 4000K                                | 145 lm Ra 80                                                                |
| 3000K                                | -                                                                           |
| 2700K                                | -                                                                           |
| 2200K                                | -                                                                           |
| Red                                  | -                                                                           |
| Green                                | -                                                                           |
| Blue                                 | -                                                                           |
| RGB                                  | 40 lm                                                                       |
| RGB+W                                | 74 lm(3 RGB+ 3 W)                                                           |

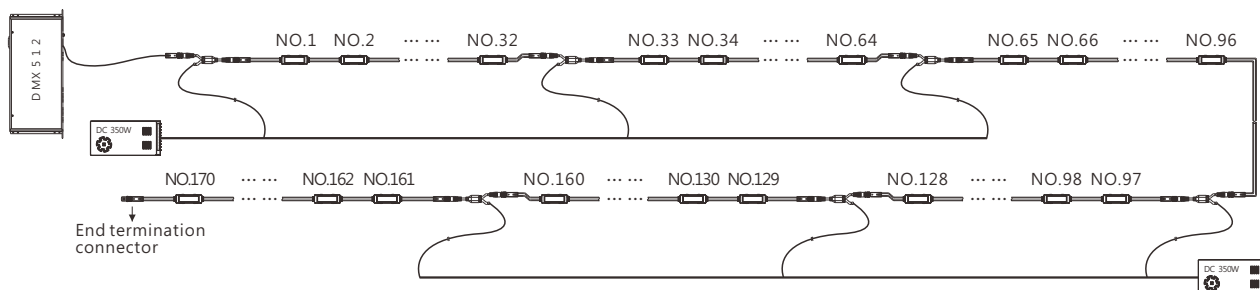
## Installation Details: unit:mm

Installation Node Diagram



## System Schematic Diagram:

Note: Luminaires are RGB (with a point spacing of 167mm) , each lamp has 1 pixel.



- The power connection section is for reference only and is subject to actual site conditions.
- Product specifications are updated, if you need, please contact us!

IP1-08-02-24-V4