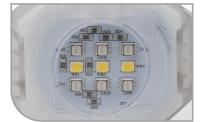


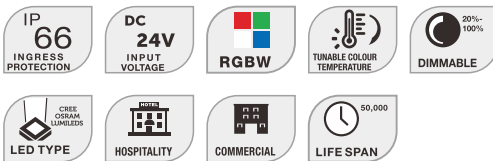
PX2E

i-Pixel Series Pixel Lamp

i-Pixel Series PX2E



ICON

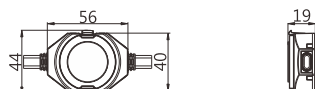


Features:

- Small size single pixel LED lamp, suitable for forming high pixel density LED pixel lamp array, usually used in building media, large-scale urban landscape and urban lighting.
- Polymer silicone material as a whole sealing waterproof anti-static, protection levels are up to Ip 66. PC case, high light transmittance, face mask color can be customized.
- The maximum serial number of power supply 50 PCS (within 30 meters), signal serial transmission distance of 100 meters.
- Matching functions: EMC (electromagnetic compatibility); Standard Rdm two-way feedback; low-glow anti-jitter function; Gamma Correction.
- DC24V power supply, ensure feed, effective signal transmission, low line loss.
- Constant current drive, built-in PWM grayscale control, grayscale level 256/65536.

Dimension Details: Unit:mm

- Without a stent

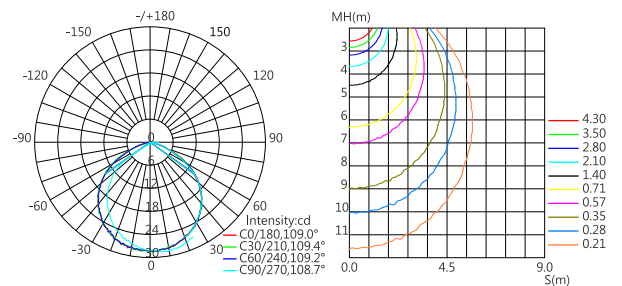


Photometry:

- Lamp Source : SMD 3535+SMD 2835
- Beam Angle (50%) : 110°

Average Beam Angle (50%):109.1°degree

Isolux Curve (lx)

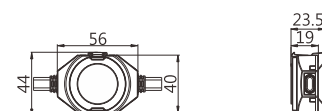


Note: Test data is based on PX2E-W0056-0009XTX-00 only.

Beam Angle Curve:



- With a brace



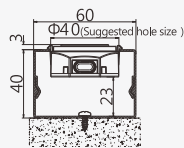
Technical Specification:

LED Type	CREE / OSRAM / LUMILEDS SMD					
LED Quantity	3 pcs	4 pcs	5 pcs	6 pcs	9 pcs	12 pcs
Power Rating(MAX, ±10%)	1.4(M ¹)/1.7(RGB)W	1.4(M ¹)/1.7(RGB)/3.1(RGB+W)W	1.4(M ¹)/1.7(RGB)W	1.4(M ¹)/1.7(RGB)/3.1(RGB+W)W	2.9(M ¹)/3.1(RGB+W)W	2.9(M ¹)/3.3(RGB)W
Luminous Flux	54 lm@3000K	71 lm@3000K	88 lm@3000K	127 lm@3000K	180 lm@3000K	170 lm@3000K
Luminous Efficacy	39 lm/W	51 lm/W	63 lm/W	91 lm/W	62 lm/W	59 lm/W
Grayscale Level	8bit*3 _(256*256*256)	8bit*4 _(256*256*256*256)	8bit*3 _(256*256*256)	8bit*4 _(256*256*256*256)	8bit*3 _(256*256*256)	8bit*3 _(256*256*256)
Viewing Angle	≥110°					
Input Voltage	DC24V					
Environmental Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)					
Material (Housing)	PC case					
Cable Type	Signal/power supply: Outdoor Special Rubber Sheath Wire					
Specification Size	56*44*19mm(Without a stent)/56*44*23.5mm(With a brace)					
Weight	100g					
Number of Pixel Dots	1					
Control Type	DMX512/RDM					
IP Rating	IP 66					
Life Span	≥50000 Hours					
Application	Outdoor					
Light source color	Luminous flux					
6500K	73 lm Ra 80	95 lm Ra 80	118 lm Ra 80	136 lm Ra 80	238 lm Ra 80	310 lm Ra 80
5700K	73 lm Ra 80	95 lm Ra 80	118 lm Ra 80	136 lm Ra 80	238 lm Ra 80	310 lm Ra 80
5000K	66 lm Ra 80	88 lm Ra 80	110 lm Ra 80	134 lm Ra 80	225 lm Ra 80	305 lm Ra 80
4000K	66 lm Ra 80	88 lm Ra 80	110 lm Ra 80	132 lm Ra 80	220 lm Ra 80	200 lm Ra 80
3000K	54 lm Ra 80	71 lm Ra 80	88 lm Ra 80	127 lm Ra 80	180 lm Ra 80	170 lm Ra 80
2700K	52 lm Ra 80	69 lm Ra 80	86 lm Ra 80	123 lm Ra 80	175 lm Ra 80	145 lm Ra 80
2200K	48 lm -	63 lm -	78 lm -	108 lm -	160 lm -	123 lm -
Red	37 lm	13 lm	16 lm	20 lm	32 lm	35 lm
Green	30 lm	40 lm	49 lm	52 lm	105 lm	83 lm
Blue	11 lm	14 lm	18 lm	16 lm	36 lm	28 lm
RGB	23 lm	31 lm	62 lm	43 lm	-	62 lm
RGB+W	-	112 lm (2pcs 3535+2pcs 2835)	-	106 lm (3pcs 3535+3pcs 2835)	102 lm (6pcs 3535+3pcs 2835)	-

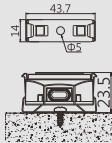
①M:monochrome

Installation Details: STENT DOSAGE: 1 pcs/stent Unit:mm

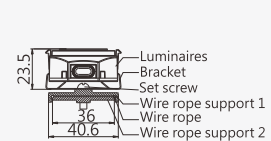
Aluminum tank mounting, without bracket



Fixed surface mounting, with bracket

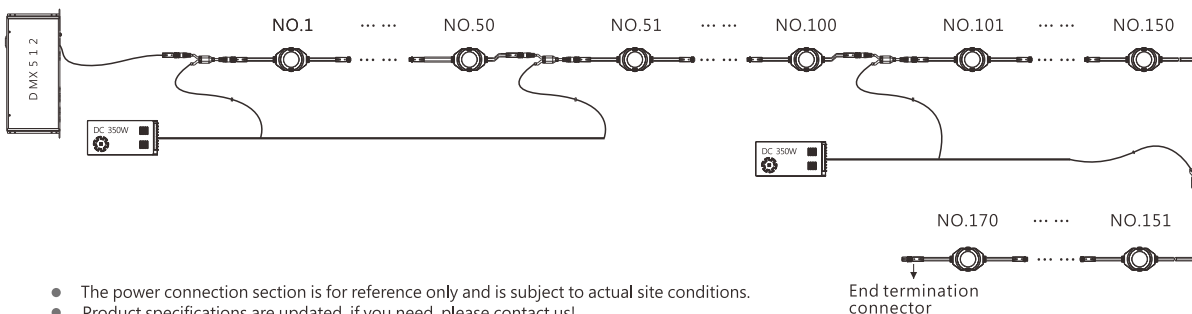


Wire rope mounting, with bracket



System Schematic Diagram:

Note: The lighting fixtures are 6 lamps with a 1.4W (point spacing of 125mm), one pixel per luminaire.



- 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!

IPI-04-08-24-V4