

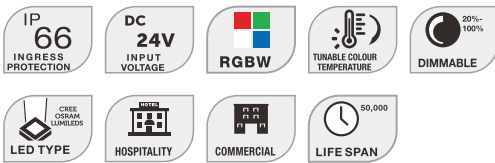
PX3E

i-Pixel Series Pixel Lamp

i-Pixel Series PX3E



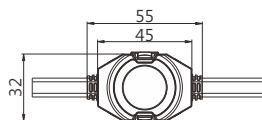
ICON



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.
- DC24V power supply, ensure feed, effective signal transmission, low line loss.
- Constant current drive, built-in PWM grayscale control, grayscale level 256/65536.

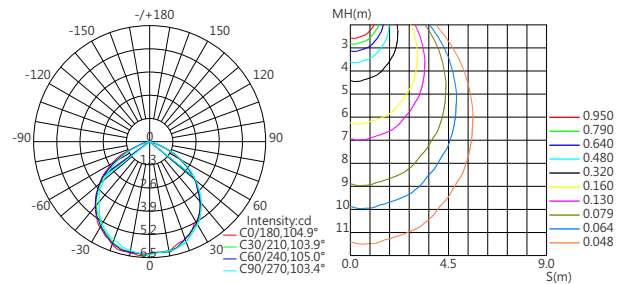
Dimension Details: Unit:mm



Photometry:

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

Average Beam Angle (50%):104.3°degree Isolux Curve (lx)



Note: Test data is based on PX3E-W0045-0003CTA-00 only.

Beam Angle Curve:



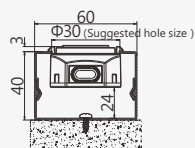
Technical Specification:

StrongLED大峡谷®

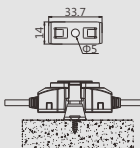
LED Type		CREE / OSRAM / LUMILEDS SMD	
LED Quantity	3 pcs	6 pcs	
Power Rating(MAX,±10%)	1.4 _(monochrome) /1.7 _(RGB) /3.1 _(RGB+W) W	1.4 _(monochrome) /1.7 _(RGB) /3.1 _(RGB+W) W	
Luminous Flux	50 lm@3000K	50 lm@3000K	
Luminous Efficacy	36 lm/W	36 lm/W	
Grayscale Level	8bit*4 _(256*256*256*256) 16bit*4 _(65536*65536*65536*65536)		
Viewing Angle	≥110°		
Input Voltage	DC24V		
Environment al Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)		
Material (Housing)	PC housing		
Cable Type	Signal/power supply: Outdoor Special Rubber Sheath Wire		
Specification Size	45*32*23.3mm		
Weight	80g		
Number of Pixel Dots	1		
Control Type	DMX512		
IP Rating	IP 66		
Life Span	≥50000Hours		
Application	Outdoor		
Light source color		Luminous flux	
6500K	70 lm Ra 80	70 lm Ra 80	
5700K	70 lm Ra 80	70 lm Ra 80	
5000K	68 lm Ra 80	68 lm Ra 80	
4000K	60 lm Ra 80	60 lm Ra 80	
3000K	50 lm Ra 80	50 lm Ra 80	
2700K	48 lm Ra 80	48 lm Ra 80	
2200K	44 lm -	44 lm -	
Red	34 lm	34 lm	
Green	27 lm	27 lm	
Blue	16 lm	16 lm	
RGB	32 lm	32 lm	
RGB+W	120 lm (2pcs 3535+1pcs 2835)	130 lm (3pcs 3535+3pcs 2835)	

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

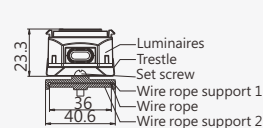
Aluminum tank mounting,
without bracket



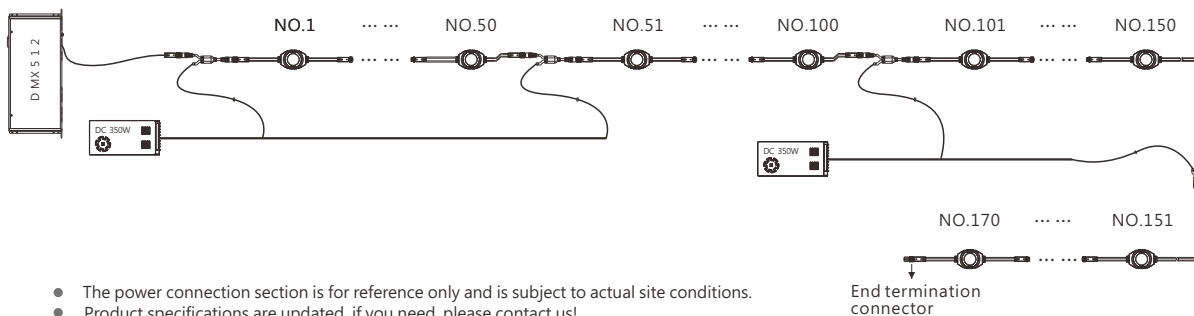
Fixed surface mounting,
with bracket



Wire rope mounting,
with bracket



System Schematic Diagram: Note: Luminaires are RGB or W (point spacing of 125mm) , 1 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