

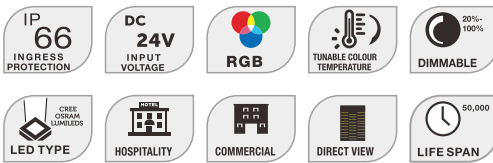
SP5B

Spot Series Pixel Lamp

Spot Series SP5B



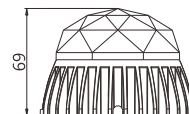
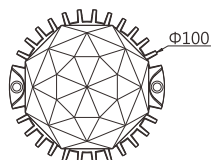
ICON



Features:

- Small size and High Brightness Single Pixel LED lamp, suitable for low pixel density LED pixel lamp array, usually used in combination with architectural glass curtain wall truss structure, display pattern color change effect.
- The structure of the lamps and lanterns waterproof, anti-static, protective grade up to Ip 66.
- Appearance can be customized according to the color of the curtain wall, so that products better into the building.
- DC24V power supply, ensure feed, effective signal transmission, low line loss.
- Constant current drive, built-in PWM grayscale control, grayscale level 256/65536.

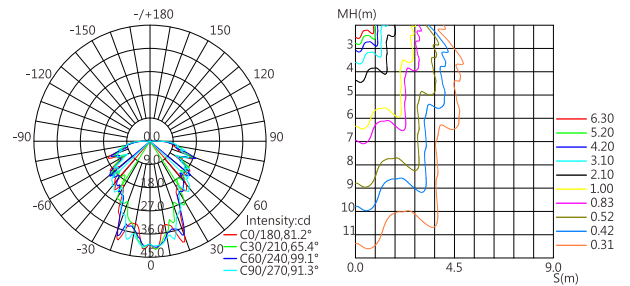
Dimension Details: Unit:mm



Photometry:

- Lamp Source : CREE SMD 3535
- Beam Angle (50%) : 80°

Average Beam Angle (50%):84.3°degree Isolux Curve (lx)



Note: Test data is based on SP5B-W0100-0018CTA-00 only.

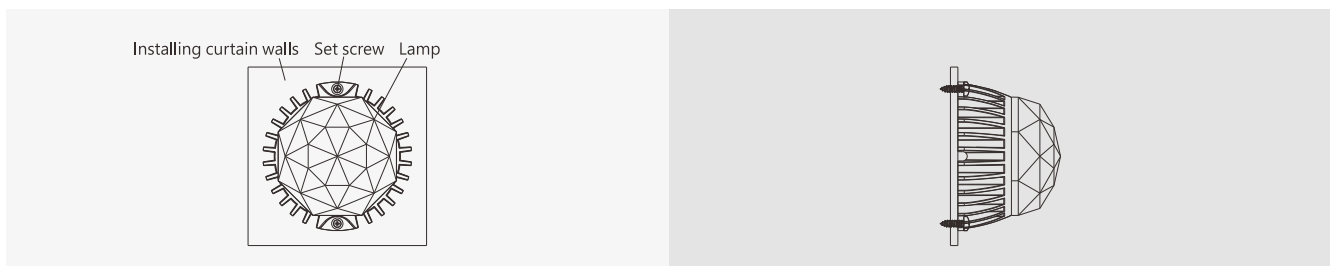
Beam Angle Curve:



Technical Specification:

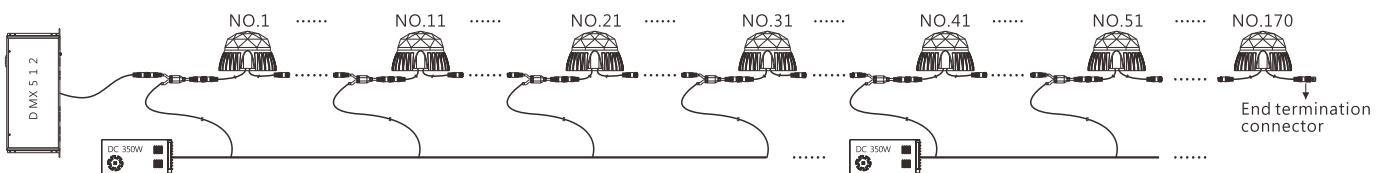
LED Type		CREE / OSRAM / LUMILEDS SMD	
LED Quantity	24 pcs		18 pcs
Power Rating(MAX,±10%)	5.8(monochrome)/6.6(RGB)W		4.3(monochrome)/5(RGB)W
Luminous Flux	535 lm@3000K Diamond-shaped transparent mask		397 lm@3000K Diamond-shaped transparent mask
Luminous Efficacy	92 lm/W		92 lm/W
Grayscale Level	8bit*3 _(256*256*256)		
	16bit*3 _(65536*65536*65536)		
Viewing Angle	≥80°		
Input Voltage	DC24V		
Environment al Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)		
Material (Housing)	Precision cast aluminum alloy + PMMA mask (diamond/Plane mask ` Transparency/diffusion can be selected)		
Cable Type	Signal/power supply: Outdoor Special Rubber Sheath Wire		
Specification Size	Φ100*69mm		
Weight	0.46kg		
Number of Pixel Dots	1		
Control Type	DMX512		
IP Rating	IP 66		
Life Span	≥50000 Hours		
Application	Outside		
Light source color		Luminous flux	
6500K	603 lm Ra 80	438 lm Ra 80	
5700K	585 lm Ra 80	432 lm Ra 80	
5000K	575 lm Ra 80	428 lm Ra 80	
4000K	570 lm Ra 80	420 lm Ra 80	
3000K	535 lm Ra 80	397 lm Ra 80	
2700K	490 lm Ra 80	355 lm Ra 80	
2200K	420 lm -	306 lm -	
Red	85 lm	62 lm	
Green	199 lm	202 lm	
Blue	96 lm	70 lm	
RGB	205 lm	144 lm	
RGB+W	-	-	

Installation Details:



System Schematic Diagram:

Note: 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!

SPO-04-08-24-V4