

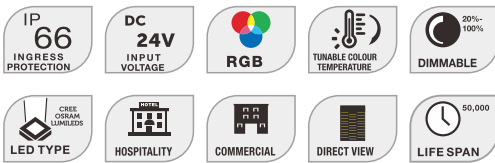
SP3B

Spot Series Pixel Lamp

Spot Series SP3B



ICON

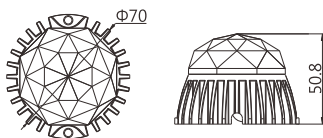


Features:

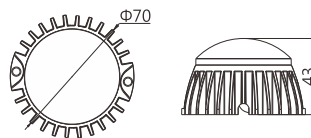
- Small size and High Brightness Single Pixel LED lamp, suitable for low pixel density LED pixel lamp array, usually used in combination with architectural glass curtain wall truss structure, display pattern color change effect.
- The structure of the lamps and lanterns waterproof, anti-static, protective 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.
- SP3B pedestal is aluminum alloy structure, SP3 pedestal is plastic PPO structure.

Dimension Details: Unit:mm

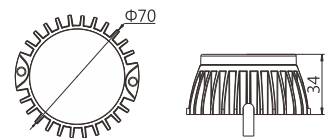
- Diamond Mask



- Arc Mask



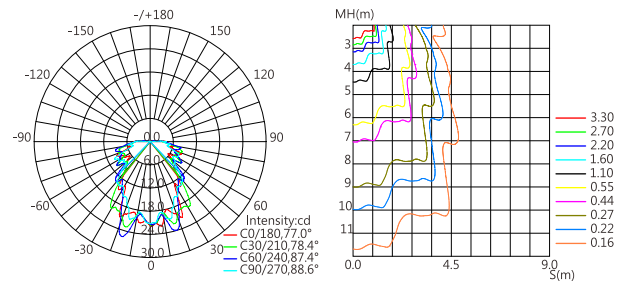
- Plane mask



Photometry:

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

Average Beam Angle (50%):82.8°degree Isolux Curve (lx)



Note: Test data is based on SP3B-W0070-0012CTA-00 only.

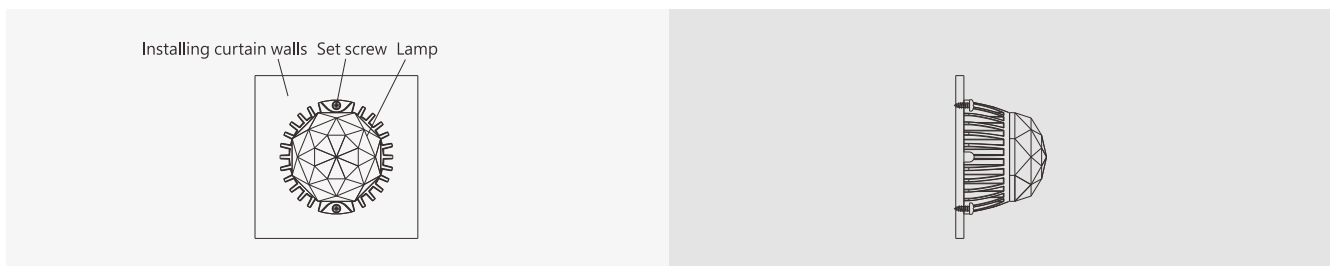
Beam Angle Curve:



Technical Specification:

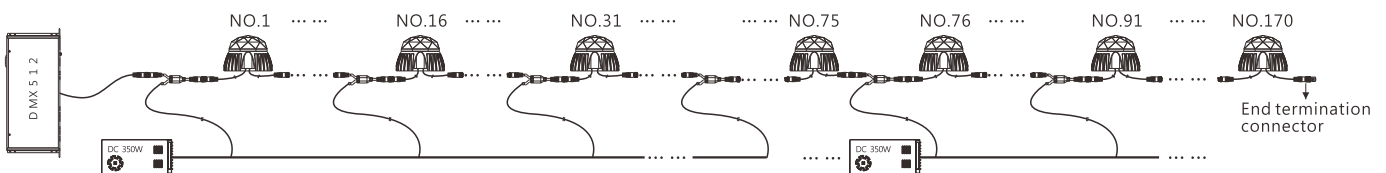
LED Type		CREE / OSRAM / LUMILEDS SMD	
LED Quantity	12 pcs	9 pcs	
Power Rating(MAX,±10%)	2.9 _(monochrome) /3.3 _(RGB) W	2.9 _(monochrome) /3.3 _(RGB) W	
Luminous Flux	253 lm@3000K Diamond-shaped transparent mask	253 lm@3000K Diamond-shaped transparent mask	
Luminous Efficacy	87 lm/W	87 lm/W	
Grayscale Level	8bit*3 _(256*256*256) 16bit*3 _(65536*65536*65536)		
Viewing Angle	≥80°		
Input Voltage	DC24V		
Environmental Conditions	-40°C~50°C(Temperature) / 10%~95%RH(Humidity)		
Material (Housing)	Precision cast aluminum alloy (SP3B)/Plastic PPO (SP3) + PMMA mask (diamond/arc/Plane mask · Transparency/diffusion can be selected)		
Cable Type	Signal/power supply: Outdoor Special Rubber Sheath Wire		
Specification Size	Φ70*50.8mm(Diamond Mask)/ Φ70*43mm(Arc Mask)/ Φ70*34mm(Plane mask)		
Weight	0.32kg (SP3B) / 0.13kg (SP3)		
Number of Pixel Dots	1		
Control Type	DMX512		
IP Rating	IP 66		
Life Span	≥50000 Hours		
Application	Outside		
Light source color		Luminous flux	
6500K	302 lm Ra 80	270 lm Ra 80	
5700K	290 lm Ra 80	264 lm Ra 80	
5000K	288 lm Ra 80	260 lm Ra 80	
4000K	275 lm Ra 80	258 lm Ra 80	
3000K	253 lm Ra 80	253 lm Ra 80	
2700K	234 lm Ra 80	235 lm Ra 80	
2200K	202 lm -	200 lm -	
Red	35 lm	43 lm	
Green	98 lm	105 lm	
Blue	75 lm	58 lm	
RGB	75 lm	68 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