SMX72

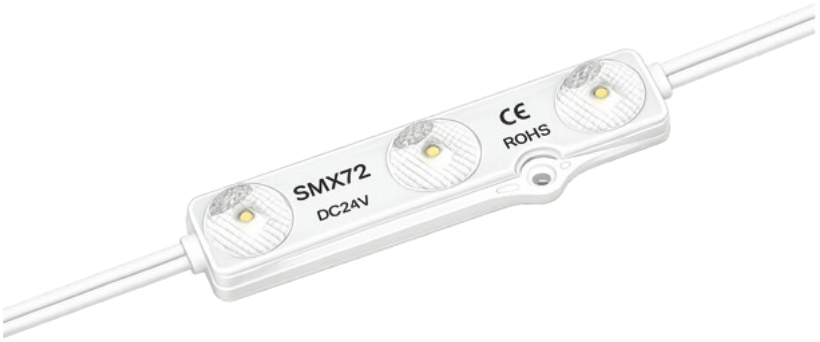
DATASHEET
SPECIFICATIONS

PIXEL MODULE SERIES | WHITE SIGNAGE

The SMX72 is a compact, high-perfromace white-only LED module for signage, light boxes, and shallow illuminated surfaces. Its integrated lens ensures consistent light diffusion, even in tight or low-profile applications

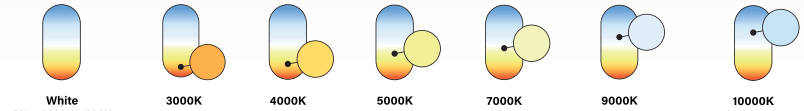
With IP66 protection, UV-resistant housing, and simple on/off operation via PWM control, the SMX72 delivers clean, unifrom white output and reliable outdoor performance.

Modules can be individually cut, mounted with adhesive or screws, and are ideal for depth-critical installations from 10-25cm

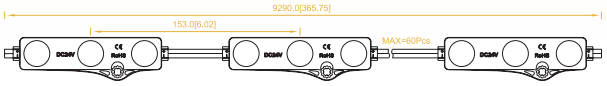


At a glance

Emitters



SMX Run



Controls



Wattage

White (1.08W/pc)

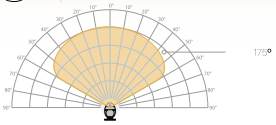
Protection

Ingress – IP66

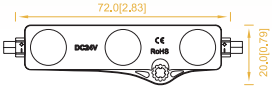
Temperature

-20°C to 60°C
-4°F to 140°F

Optics



Dimensions



FIXTURE PRODUCT CONFIGURATOR

Prefix	Model	LED String Qty	LED Qty/pc	LED Colour	White CCT	Control	Mounting
SMX	72 – 72mm	1 2 3 4 5 6 70	3	White – (2800K – 12000k)	30K – 3000K 40K – 4000K 50K – 5000K 65K – 6500K 70K – 7000K 80K – 8000K 90K – 9000K 10K – 10000K	P – PWM	AD – Adhesive Tape S – Screws

EXAMPLE: SMX – 72 – 55 – 3 – W – 50K – P – AD

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FIXTURE SPECIFICATIONS

ELECTRICAL	POWER CONSUMPTION	White (1.08W/PC)
	OPERATING VOLTAGE	24V DC
	OPERATING TEMPERATURE	-20°C TO 60°C (-4°F TO 140°F)
	STORAGE TEMPERATURE	-20°C TO 70°C (-4°F TO 158°F)
PHYSICAL	STANDARD FIXTURE DIMENSIONS	L: 72MM – W: 20MM – H: 10.2MM
	LED QTY/PCS	3 LEDS
	CRI	70+
	IP RATING	IP66
	MOUNTING OPTIONS	ADHESIVE TAPE, SCREWS
	MAX RUN (PCS)	70PCS
	STANDARD RUN (PCS)	60PCS
	SPACING	153MM (CENTRE TO CENTRE)
OPTICAL	BEAM ANGLE	175°
	COLOUR RANGE	WHITE (3000K, 4000K, 5000K, 6000K, 6500K, 7000K, 8000K, 9000K, 10000K)
	LUMINOUS FLUX (LM/PC)	216LM/PC
	LED TYPE	SMD LEDS
DIMING & CONTROL	CONTROL PROTOCOLS	PWM ON/OFF
FIXTURE RATING & CERTIFICATIONS	CE / IP66	
LIMITED WARRANTY	5 YEARS *Extendable warranty available	

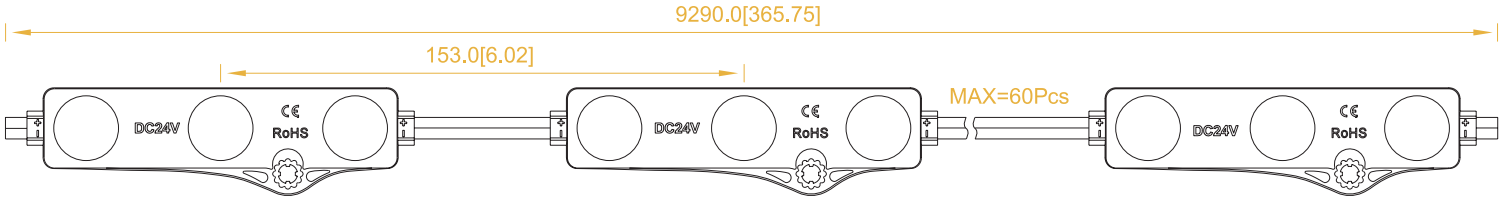
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FIXTURE DIMENSIONS

SIGNAGE WHITE MODULE DIMENSIONS



SIGNAGE WHITE MODULE MAX RUN

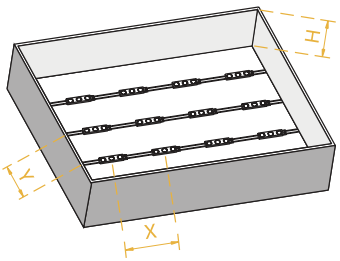


Note:
Dimensions tolerance: ±0.2mm length, height and width

INSTALLATION REFERENCE

SIGNAGE MODULE INSTALLATION

Model No.	Surface Material	Depth(H)cm	Illumination(lux)	Evenness	Density (pcs/m²)	Spacing (X*Y)cm	Watt Density (W/m)	Visual Effects
SMXW	White Soft Film	12	7010-7830	0.90	10*15	10*5	165	OK
		14	4693-5070	0.93	10*15	10*5	165	
		16	3400-3830	0.89	8*10	12.5*10	88	
		18	3018-3290	0.92	6*8	15*12	53	



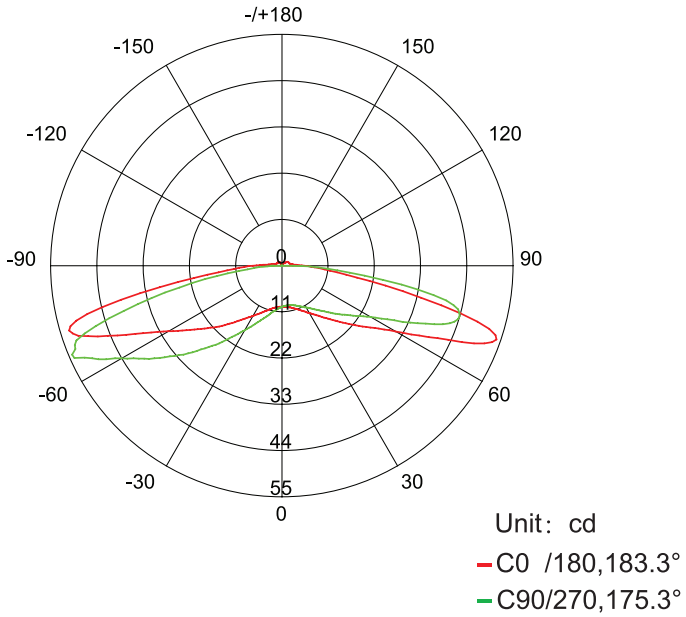
Note:

1. X indicates the horizontal center spacing between modules;
2. Y indicates the longitudinal center spacing between modules;
3. Single LED modules are arranged in a square, X= Y.
4. When the depth of light box H>18cm, use more products to satisfy Illumination demand
5. Please contact the sales for other data.
6. Customised wire length available.

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FIXTURES LUMINOUS CHARACTERISTICS

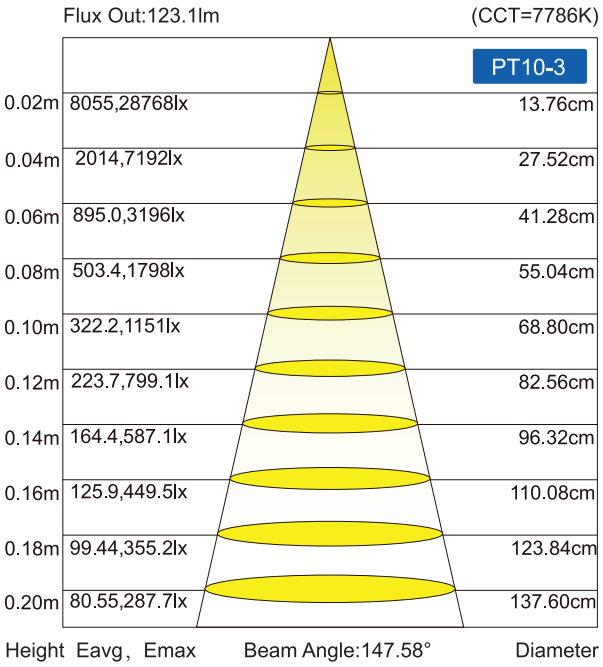
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Unit: cd
C0 /180,183.3°
C90/270,175.3°

AVERAGE BEAM ANGLE(50%):179.3°

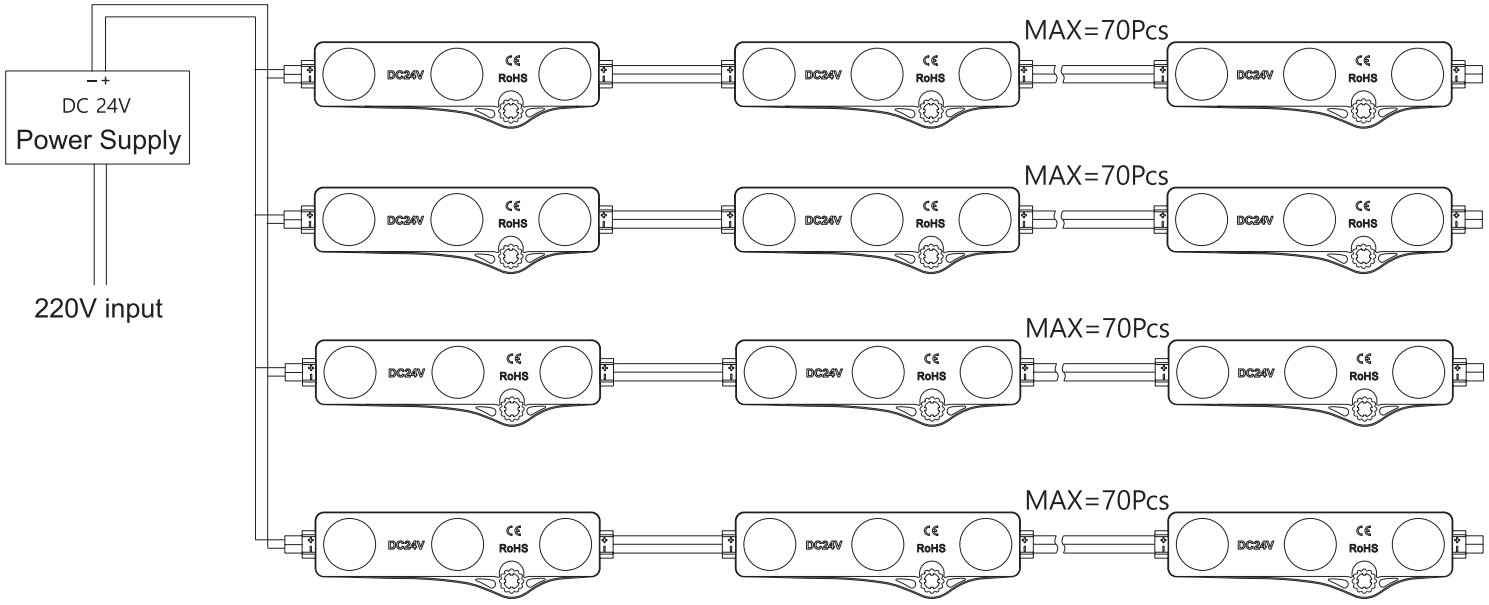
AVERAGE BEAM ANGLE



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WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM



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