SMX60

DATASHEET
SPECIFICATIONS

PIXEL MODULE SERIES | WHITE SIGNAGE

The SMX60 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

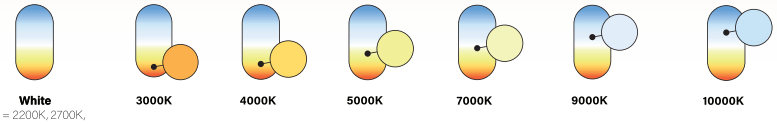
With IP68 protection, UV-resistant housing, and simple on/off operation via PWM control, the SMX60 delivers clean, unifrom white output and reliable outdoor performance.

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

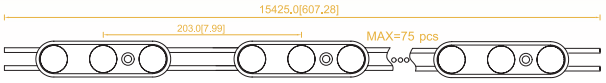


At a glance

Emitters



SMX Run



Controls

Wattage

White (1.2W/3pc)

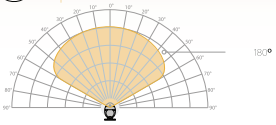
Protection

Ingress – IP68

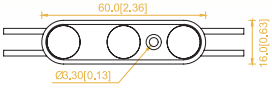
Temperature

-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	60 – 60mm	1 2 3 4 5 6 ... 75	3 – 3 Qty/pc	W – White – (2800K – 12000k)	28K – 2800K 32K – 3200K 47K – 4700K 60K – 6000K 74K – 7400K 90K – 9000K 10k – 10000k 12k – 12000k	P – PWM	AD – Adhesive Tape S – Screws

EXAMPLE: SMX – 60 – 40 – 3 – W – 60K – P – AD

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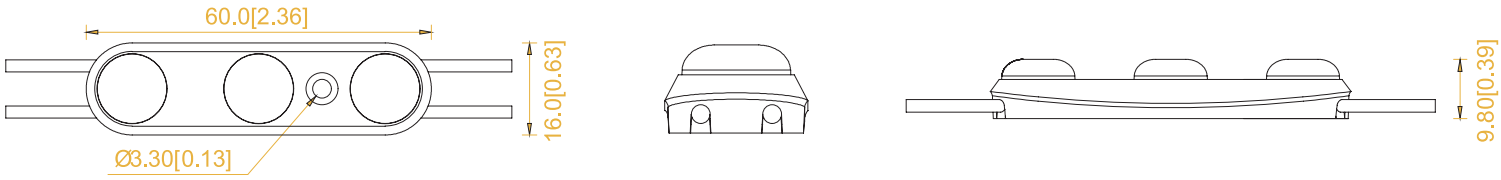
FIXTURE SPECIFICATIONS

ELECTRICAL	POWER CONSUMPTION	White (1.2W/3PC)
	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: 60MM – W: 16MM – H: 9.8MM
	LED QTY/PCS	3 LEDS
	CRI	80+
	IP RATING	IP68
	MOUNTING OPTIONS	ADHESIVE TAPE, SCREWS
	MAX RUN (PCS)	75PCS
	SPACING	203MM (CENTRE TO CENTRE)
OPTICAL	BEAM ANGLE	180°
	COLOUR RANGE	WHITE (2800K, 3200K, 4700K, 6000K, 7400K, 9000K, 10000K, 12000K)
	LUMINOUS FLUX (LM(PC)	110LM/PC
	LED TYPE	SMD LEDS
DIMING & CONTROL	CONTROL PROTOCOLS	PWM ON/OFF
FIXTURE RATING & CERTIFICATIONS	CE / IP68	
LIMITED WARRANTY	5 YEARS *Extendable warranty available	

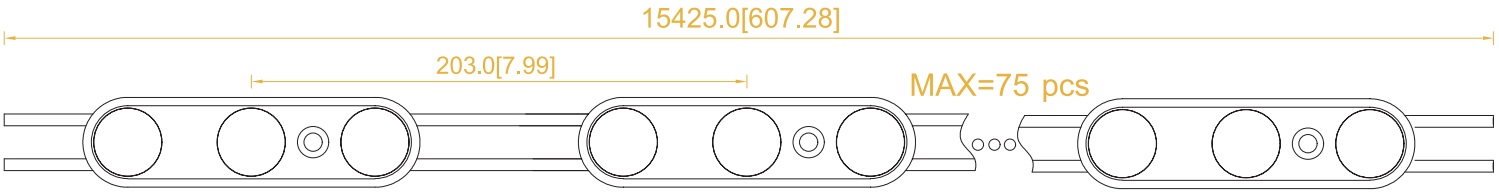
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FIXTURE DIMENSIONS

SIGNAGE WHITE MODULE DIMENSIONS



SIGNAGE WHITE MODULE MAX RUN

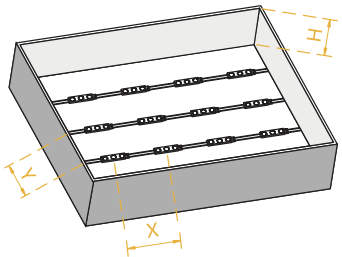


Note:
Dimensions tolerance: ±0.2mm length, height and width

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
SMX60	White Soft Film	5	13300-15640	0.85	12*12	8*8	173	OK
		6	8220-9670	0.85	10*10	10*10	120	
		8	4830-5780	0.84	8*8	12*12	77	
		10	3640-4260	0.85	7*8	14*12	67	
		12	3110-3480	0.89	7*8	14*12	67	
		15	2360-2590	0.91	7*8	14*12	67	
		18	1960-2120	0.92	7*8	14*12	67	



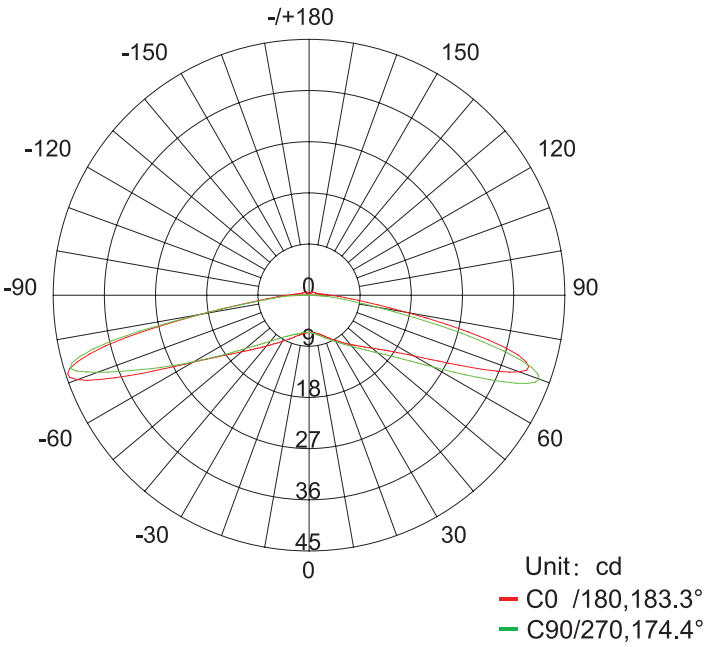
Note:

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.
7. The above data is for common demand , you can increase the density for actual demand.

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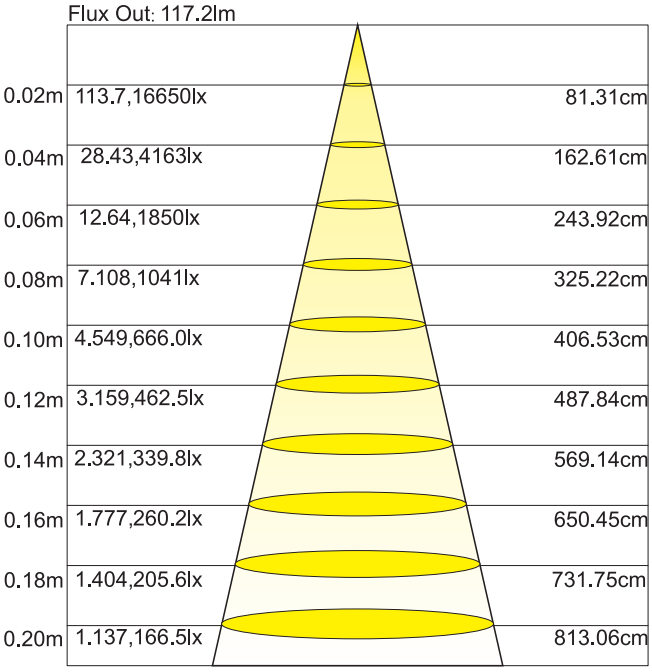
FIXTURES LUMINOUS CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 178.8°

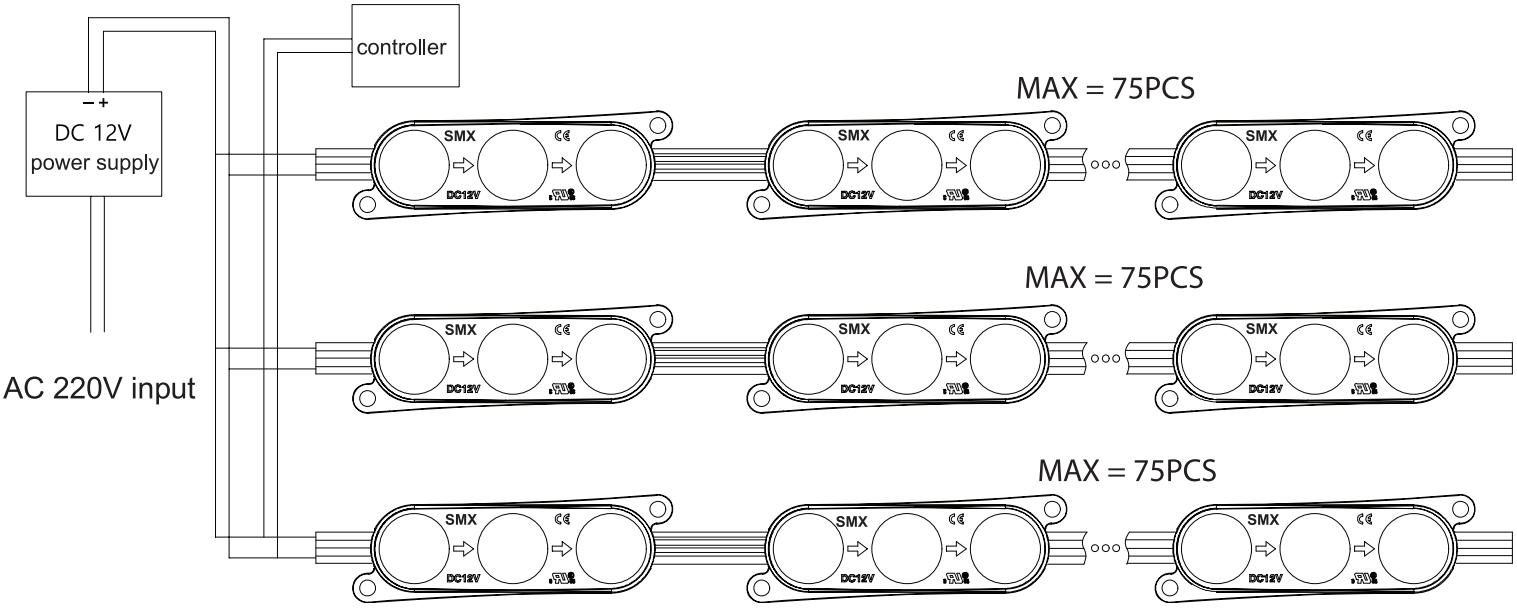
AVERAGE BEAM ANGLE



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WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM



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