

## PIXEL MODULE SERIES | WHITE SIGNAGE

The SMX72 is a compact, high-performance 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, uniform 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**

White  
(W = 3000K, 4000K, 5000K, 6000K, 7000K, 8000K, 9000K, 10000K)

3000K 4000K 5000K 7000K 9000K 10000K

**SMX Run**

153.0(6.02) 929.0(36.575) MAX=60Pcs

**Controls**

**Wattage**  
White (108W/pc)

**Protection**  
Ingress - IP66

**Temperature**  
-20°C to 60°C  
-4°F to 140°F

**Optics**

175°

**Dimensions**

72.0(2.83) 20.0(0.79)




### FIXTURE PRODUCT CONFIGURATOR

| Prefix | Model     | LED Qty/pc | LED Colour               | White CCT   | Control | Mounting                         |
|--------|-----------|------------|--------------------------|---|---------|----------------------------------|
| SMX    | 72 - 72mm | 3          | White - (2800K - 12000k) | 30K - 3000K<br>40K - 4000K<br>50K - 5000K<br>65K - 6500K<br>70K - 7000K<br>80K - 8000K<br>90K - 9000K<br>10K - 10000K | P - PWM | AD - Adhesive Tape<br>S - Screws |

EXAMPLE: SMX - 72 - 3 - W - 50K - P - AD

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### FIXTURE SPECIFICATIONS

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

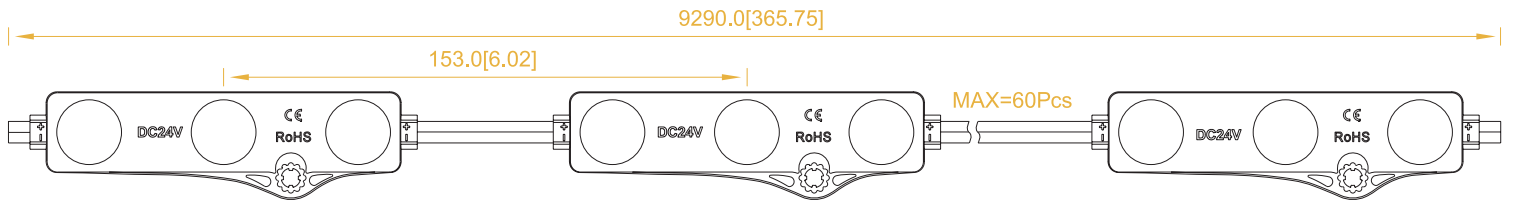
## PIXEL MODULE SERIES | WHITE SIGNAGE

### FIXTURE DIMENSIONS

#### SIGNAGE WHITE MODULE DIMENSIONS



#### SIGNAGE WHITE MODULE MAX RUN



Note:  
Dimensions tolerance:  $\pm 0.2\text{mm}$  length, height and width

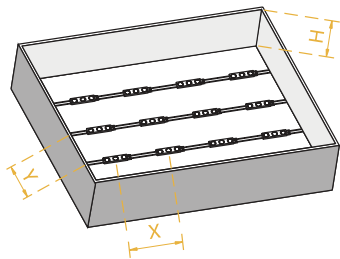
### INSTALLATION REFERENCE

#### SIGNAGE MODULE INSTALLATION

| Model No. | Surface Material | Depth(H)cm | Illumination(lux) | Evenness | Density (pcs/m <sup>2</sup> ) | 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                  |                |

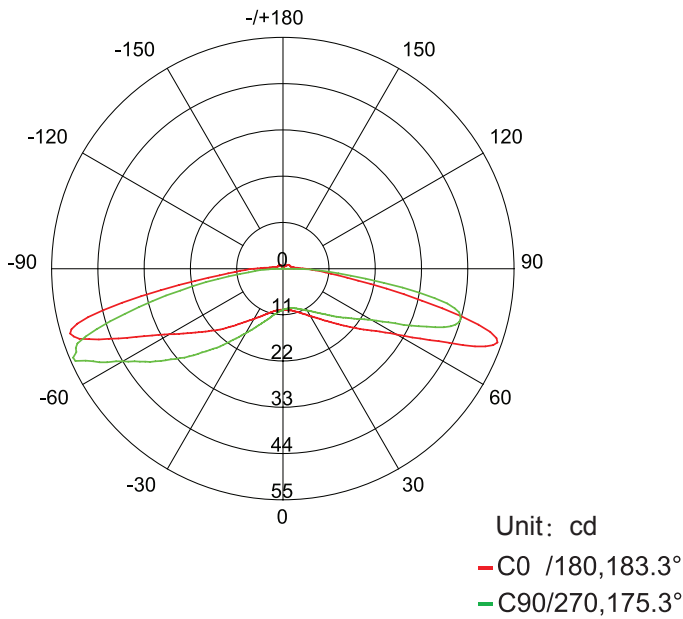
Note:

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.



## FIXTURES LUMINOUS CHARACTERISTICS

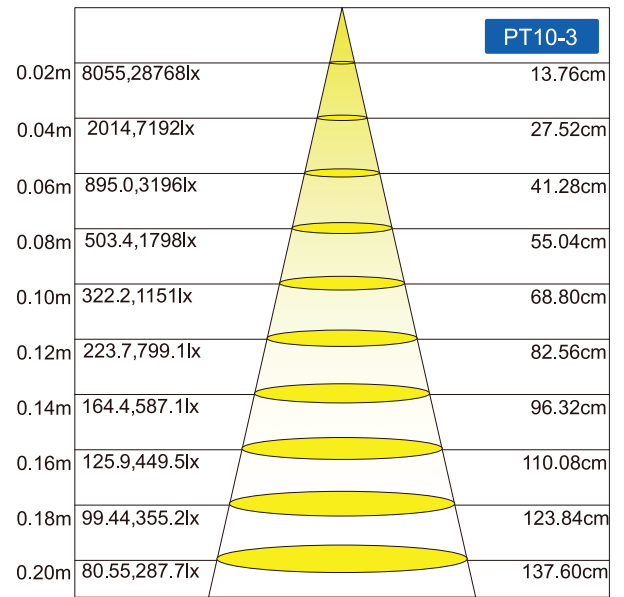
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE

Flux Out:123.1lm

(CCT=7786K)



Height Eavg, Emax Beam Angle:147.58° Diameter

### WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

