

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



White  
(W = 2200K, 2700K, 3000K, 4000K, 6000K, 7000K)



3000K



4000K



5000K



7000K

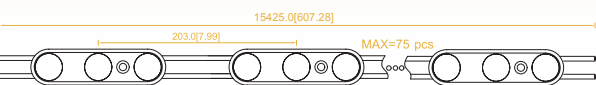


9000K



10000K

 SMX Run



 Controls

 Wattage

 Protection

 Temperature

 Optics

 Dimensions



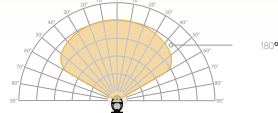
White (1.2W/3pc)



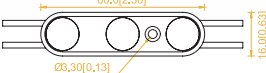
Ingress - IP68



-20°C to 60°C  
-4°F to 140°F



180°



60.0[2.36]  
Ø3.30[0.13]  
16.0[0.63]

FIXTURE PRODUCT CONFIGURATOR

| Prefix | Model     | LED String Qty                          | LED Qty/pc   | LED Colour                   | White CCT                                                                                                              | Control | Mounting                         |
|--------|-----------|-----------------------------------------|--------------|------------------------------|------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------|
| SMX    | 60 – 60mm | 1<br>2<br>3<br>4<br>5<br>6<br>...<br>75 | 3 – 3 Qty/pc | W – White – (2800K – 12000k) | 28K – 2800K<br>32K – 3200K<br>47K – 4700K<br>60K – 6000K<br>74K – 7400K<br>90K – 9000K<br>10k – 10000k<br>12k – 12000k | P – PWM | AD – Adhesive Tape<br>S – Screws |

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

PIXEL MODULE SERIES

WHITE SIGNAGE

FIXTURE SPECIFICATIONS

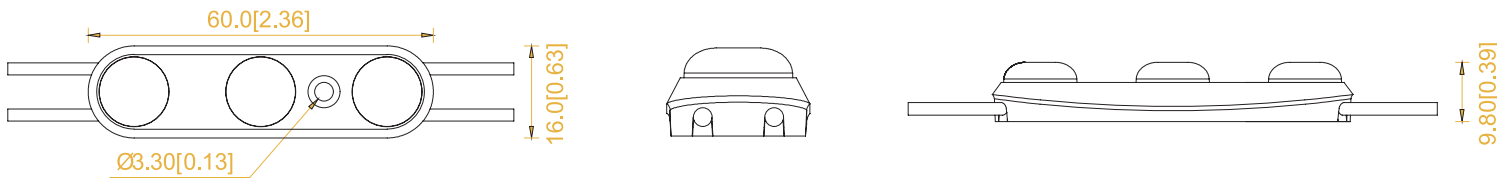
|                                 |                                                                                                                |                                                                                                                     |
|---------------------------------|--------------------------------------------------------------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

PIXEL MODULE SERIES

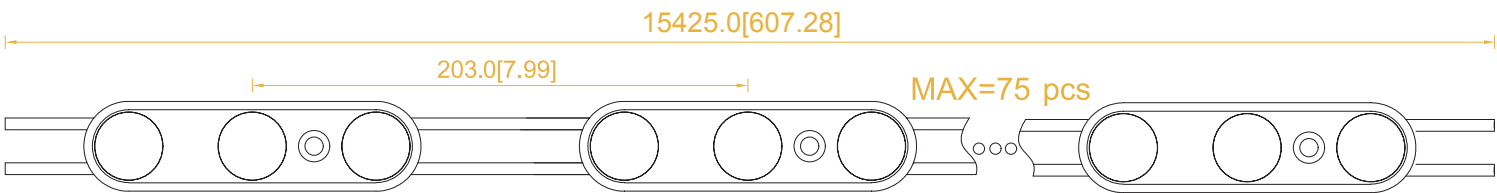
WHITE SIGNAGE

FIXTURE DIMENSIONS

SIGNAGE WHITE MODULE DIMENSIONS



SIGNAGE WHITE MODULE MAX RUN



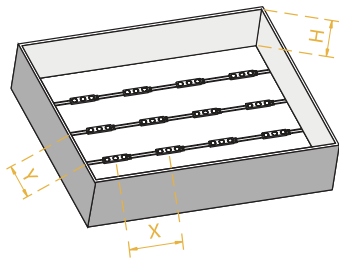
Note:  
Dimensions tolerance:  $\pm 0.2\text{mm}$  length, height and width

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 |
|-----------|------------------|------------|-------------------|----------|-------------------------------|-----------------|---------------------|----------------|
| 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                  |                |

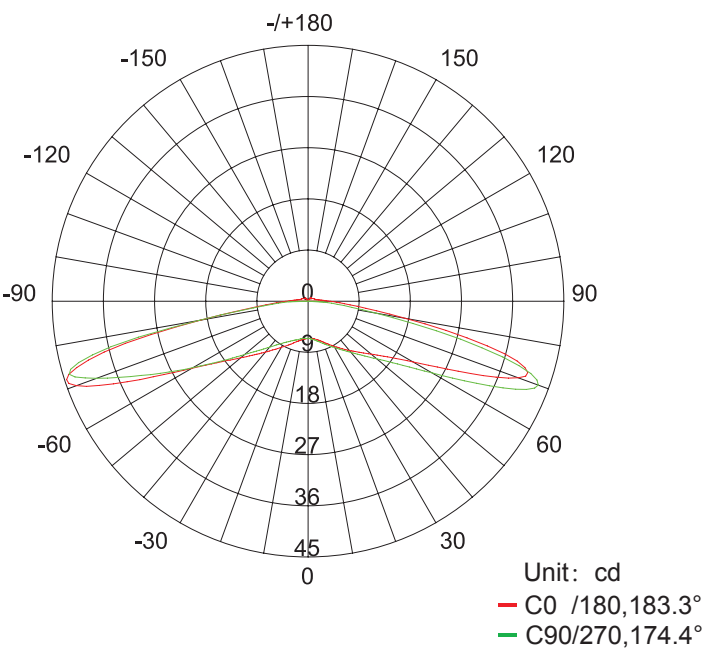
- Note:
1. X indicates the horizontal center spacing between modules;
  2. Y indicates the longitudinal center spacing between modules;
  3. Single LED modules are arranged in a square, X= Y.
  4. When the depth of light box H>18cm, use more products to satisfy Illumination demand
  5. Please contact 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.



PIXEL MODULE SERIES | WHITE SIGNAGE

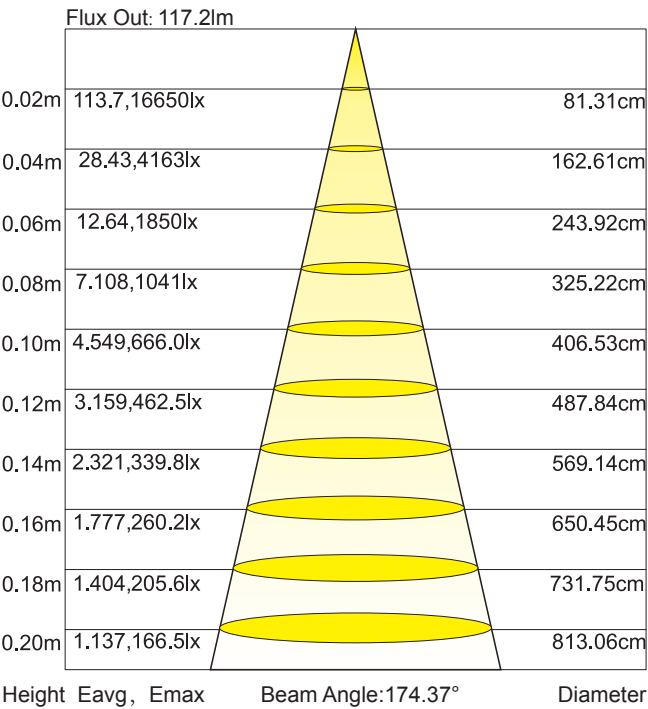
FIXTURES LUMINOUS CHARACTERISTICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%): 178.8°

AVERAGE BEAM ANGLE



WIRING CONSIDERATIONS

TYPICAL SYSTEM WIRING DIAGRAM

