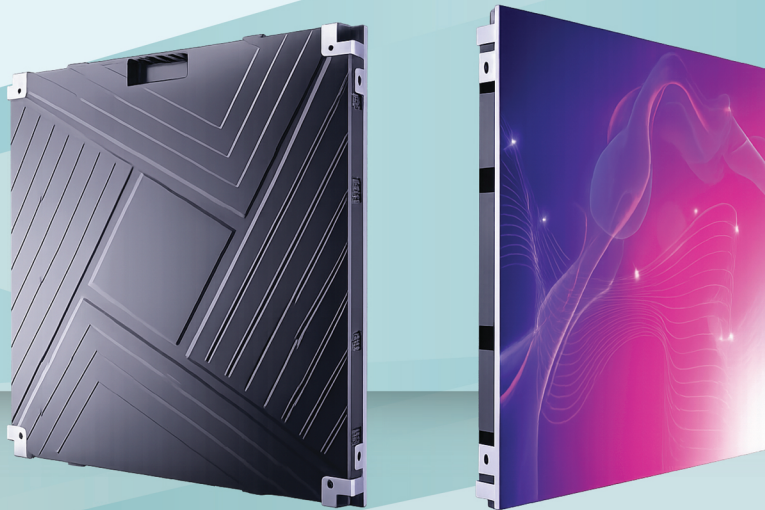


INDOOR FULL COLOR SMD P1.86



Resolution (w × h)
172 × 86 points

Pixe (mm)
1.86 mm

Encapsulation method
SMD 1010

Size(W × H × T)
320 × 160 × 15 mm

Pixel points
288888points / m2

Weight (kg / piece)
0.37kg / piece

Color

In order to achieve the best white balance performance, color blending has the

Blending

strict requirements on led brightness. And the R:G:B ratio is 3:6:1

Item

Wavelength

Brightness

Chip Brand

Testing conditions

Pure Red

625nm

220mcd

EPISTAR

25℃,20mA

Pure Green

523nm

650mcd

SAN AN

25℃,20mA

Pure Blue

467nm

110mcd

SAN AN

25℃,20mA

technical parameter

- 1) Lamp body: smd1010
- 2) Single pixel brightness: R: 95-125mcd, G: 310-403mcd, B: 70-91mcd
- 3) Screen Depth: 45cm

Power

- 1) Working Voltage: AC220V±10%
- 2) Average Consumption:180W/m2
- 3) Max Consumption: 800W/m2
- 4) Current: < 18ma (single lamp)

Control System

- 1) Control host: P4 or above
- 2) Operating system: win 98/2000/NT/XP
- 3) Control mode: synchronous control

MainTechnology Specification

- 1) Driver: LED special constant current driver
- 2) Drive mode: 1/43 sweep drive
- 3) Refresh frequency: ≥3840frames / second
- 4) Gray level/color:65536 RGB levels
- 5) White balance brightness: >700cd/m2
- 6) Brightness adjustment mode: software adjustment 255 levels adjustable
- 7) Video signal: PAL/NTSC
- 8) Control system: DVI graphics card + full color control card
- 9) Mean time between failures: ≥ 6000 hours
- 10) Half-life: >70 thousand hours
- 11) Flatness: between any adjacent pixels ≤ 1.86mm;

Software

LED Studio

Protection Technology

Humidity Protection, Dust Protection, Rust Protection, Static-Protection, etc.

Play content

Text file, word file, all picture files (BMP / JPG / GIF / PCX...
Some animation files (MPG / MPEG / MPV / MPA / AVI / VCD / SWF / RM/RA / RMJ / ASF..

Assembly

The screen adopts a module - display box - display screen combined assembly

structure

structure, which is convenient to assemble.