

INDOOR FULL COLOR SMD P2.0



Resolution (w x h)
160 x 80 points

Pixe (mm)
2.0 mm

Encapsulation method
SMD 1515

Size(W x H x T)
320 x 160 x 15 mm

Pixel points
250000points / 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: smd1515

2) Single pixel brightness: R: 95-125mcd, G: 310-403mcd, B: 70-91mcd

3) Screen Depth: 7cm

Power

1) Working Voltage: AC220V±10%

2) Average Consumption:400W/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: 1/40 sweep drive

3) Refresh frequency: ≥3840frames / second

4) Gray level/color: 265 RGB levels, 16.7M Color can be displayed.

5) White balance brightness: >700cd/m2

6) Brightness adjustment mode: software adjustment a100 levels adjustable

7) Video signal: PAL/NTSC

8) Control system: PCTV card+DVI graphics card + control card+Optical fiber transmission

9) Mean time between failures: ≥ 6000 hours

10) Half-life: >70 thousand hours

11) Flatness: between any adjacent pixels ≤ 2.0mm;

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.