

Pitch 5.0mm (0.20") 32×32 Pixel
Indoor Full Color LED Module
Technical Data Sheet

Model No.: MI-T35P5RGB-C

Features:

- ◇ Pitch 5mm (0.20") indoor LED module.
- ◇ 32×32 pixel dot matrix.
- ◇ High luminous intensity output.
- ◇ 3528RGB SMD assembly.
- ◇ Well defined spatial radiation.
- ◇ Wide viewing angle (2θ1/2): ≥120°.
- ◇ Low power consumption.
- ◇ Reliable and robust.
- ◇ Solder state reliability.
- ◇ Emitting color: Full Color.
- ◇ The product itself will remain within RoHS compliant Version.

Descriptions:

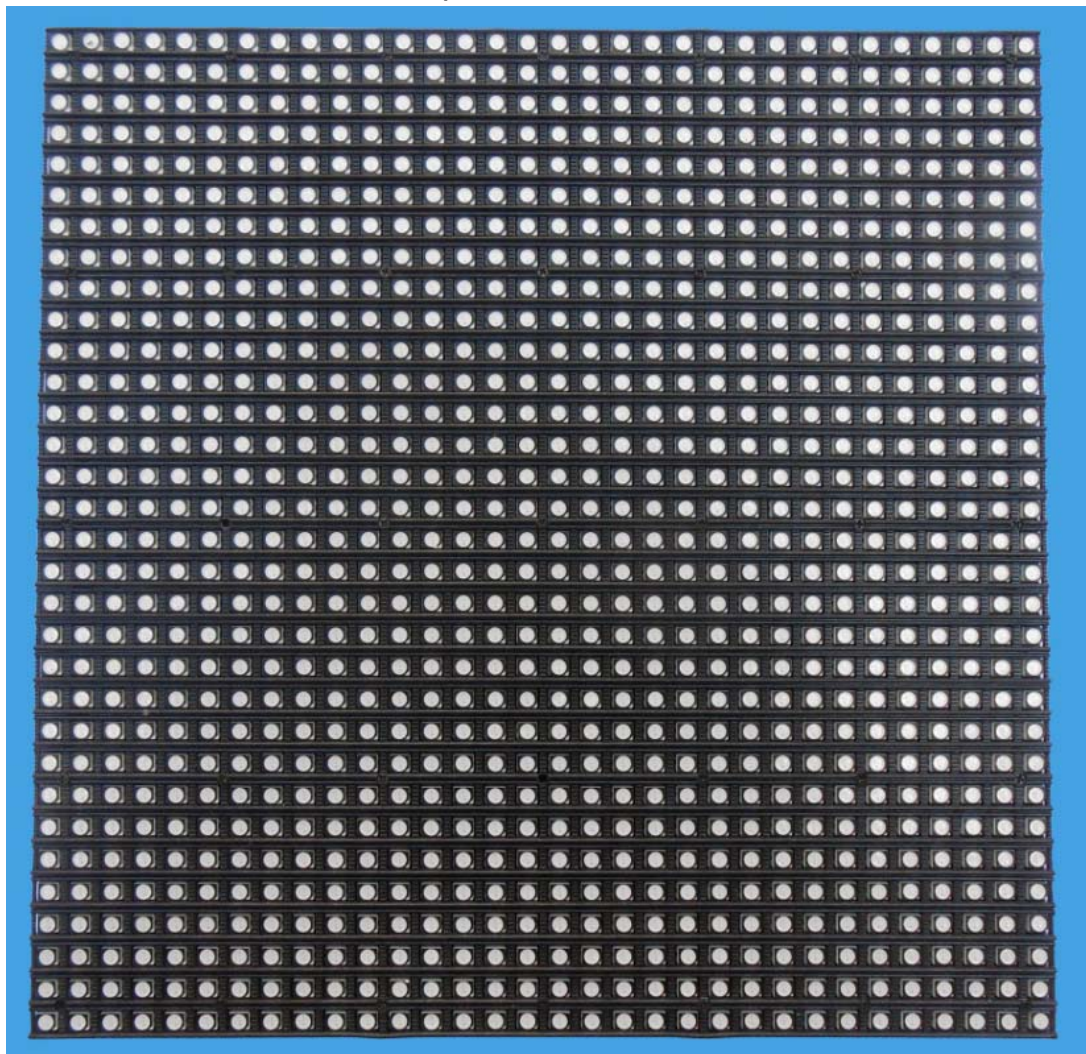
- ◇ The series are 32×32 pixel 3528RGB SMD LED display.
- ◇ The indoor LED module provide excellent reliability in bright ambient light.
- ◇ The indoor LED module with LED dot matrix displays are assembled in the epoxy and plastic package.

Applications:

- ◇ Single graphic signs.
- ◇ Message boards.
- ◇ Variable message signs (VMS).
- ◇ Commercial indoor advertising, etc.

Package Dimension:

Top and Side View



Single LED 3528RGB



Main Specifications:

| Technical parameters | UNIT | ID5FRGB8S6432 |
|---------------------------------|--------------------|--|
| Pixel pitch | MM | 5 |
| Panel size | MM | L160*W160*H14 |
| Physical density | /M ² | 40000 |
| Pixel configuration | R/G/B | 1, 1, 1 |
| Driving method | | Constant current 1/16scan |
| LED Encapsulation | SMD | 3528 |
| Display resolution | DOTS | 32*32=1024dots |
| Module weight | KG | 0.36 |
| Module port | | HUB75 |
| Module working voltage | VDC | 5 |
| Module consumption | W | 34 |
| Option distance | M | 5-60 |
| Every square metre module | PCS | 19.53 |
| Viewing angle | Deg. | H160 V160 |
| Maximum power | W/ M ² | 900 |
| Driving device | | 16126 |
| Frame Frequency | HZ/S | ≥60 |
| Refresh frequency | HZ/S | ≥400 |
| Equilibrium brightness | CD/ M ² | ≥1800 |
| Working environment temperature | °C | -20~60 |
| Working environment humidity | RH | 10%~90% |
| Display working voltage | VAC | AC46~54HZ, 220V±15%/110V±15% |
| Colour temperature | | 6500K-9500K |
| Gray scale/color | | ≥16.7M color |
| Input signal | | RF\ S-Video\ RGB etc |
| Control system | | nonlinearity card+DVI display card+Linsn control system |
| Mean free error time | HOURS | >5000 |
| Life | HOURS | 100000 |
| Lamp failure frequency | | <0.0001 |
| Antijam | | IEC801 |
| Safety | | GB4793 |
| Resist the electricity | | 1500V last 1minNo breakdown |
| Steel box weight | KG/ M ² | 50 (standard steel box) |
| Earth leakage current | mA | |
| IP rating | | The back IP40, The front IP50 |
| Steel box size | mm | L640*W640*H100 |

Packaging Specification:

一、 You will need:

1. 32x32 LED matrix - 5" square
2. One 4-wire Red & Black Power cable with two plugs in it
3. short 16-pin IDC cables
4. mini magnets

All of these components should be found in the same box as the 32x32 matrix.



二、 All extras into a large anti-static bubble bag.



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六、 Label affixed to the upper left corner of the box

