

Pitch 6.0mm (0.24") 64×32 Pixel
Indoor Full Color LED Module
Technical Data Sheet

Model No.: MI-T35P6RGBF-AA(6432)

Features:

- ◇ Pitch 6mm (0.24") indoor LED module.
- ◇ 64×32 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 64×32 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



2pcs 32*32 PCB & 1pcs 64*32 plastic frame

Main Specifications:

Technical parameters	UNIT	
Pixel pitch	MM	6
Panel size	MM	L192*W192*H14
Physical density	/M ²	27777
Pixel configuration	R/G/B	1, 1, 1
Driving method		Constant current 1/16scan
Driver IC		MBI 5024
LED Encapsulation	SMD	3528
Display resolution	DOTS	64*32=2048dots
Module weight	KG	0.35
Module port		HUB75D
Module working voltage	VDC	5
Option distance	M	6-78
Viewing angle	Deg.	H160 V160
Maximum power	W/ M ²	391/155
Frame Frequency	HZ/S	≥60
Refresh frequency	HZ/S	≥400
Equilibrium brightness	CD/ M ²	1100~1300cd/m ²
Working environment temperature	°C	-20~60
Working environment humidity	RH	10%~90%
Display working voltage	VAC	AC46~54HZ, 220V±15%/110V±15%
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)
IP rating		The back IP40, The front IP50
Steel box size	mm	L768*W768*H80

LED Optical Characteristics (Ta=25℃) :

Item	Symbol	Description		Unit	Test Condition
Luminous Intensity	IV	R	180~220MCD	mcd	20MA
		G	650~750MCD		15MA
		B	90~110MCD		10MA
Peak Emission Wavelength	λ_p	R	620~630		nm
		G	520~525		
		B	465~470		
Viewing Angle		120			Degree