



SHENZHEN MELTON OPTOELECTRONICS Co.,LTD
PROFESSIONAL LED DISPLAY MANUFACTURER

PARAMETERS FOR INDOOR FULL-COLOR DISPLAY

INDOOR SMD DISPLAY SERIES--01

Item	P2.5	P3	P4
Pixel pitch	2.5mm	3mm	4mm
Module Size	160mm X 160mm	192mm X 192mm	256mm X 256mm
Module Resolution	64 x 64	64 x 64	64x 64
Density of pixel	160000dots/m2	111111dots/m2	62500dots/m2
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
Red wavelength	625±2nm	625±2nm	625±2nm
Green wavelength	525±2nm	525±2nm	525±2nm
Blue wavelength	470±2nm	470±2nm	470±2nm
Colors	16777216	16777216	16777216
Best viewing distance	≥6m	≥6m	≥6m
Horizontal viewing angle	140°	140°	140°
Maximum power consumption	<1100W/m2	<1000W/m2	<900W/m2
Brightness	900c d /m2	1200c d /m2	1400c d /m2
Gray scale	14bits per color	14bits per color	14bits per color
Color temperature	6500k	6500k	6500k
Control method	Synchronization & Asynchronization	Synchronization & Asynchronization	Synchronization & Asynchronization
Driving method	1/32 scanning	1/32 scanning	1/32 scanning
Frame frequency	60Hz	60Hz	60Hz
Refresh frequency	≥180Hz	≥180Hz	≥180Hz
Working voltage	AC220V/110V±10%	AC220V/110V±10%	AC220V/110V±10%
IP grade	IP45	IP45	IP45
Working temperature	-10℃±45℃	-10℃±45℃	-10℃±45℃
MTBF	>10000 hours	>10000 hours	>10000 hours
Life span	>100, 000 hours	>100, 000 hours)	>100, 000 hours

ADD: Star Industrial Park,Huaning road ,Dalang,Longhua Town,Bao'an District, Shenzhen City,
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PARAMETERS FOR INDOOR FULL-COLOR DISPLAY

INDOOR SMD DISPLAY SERIES-02

Item	P5	P6	P7.62
Pixel pitch	5mm	6mm	7.62mm
Module Size	320mm X 160mm	192mm X 192mm	244mm X 244mm
Module Resolution	64 x 32	32 x 32	32 x 32
Density of pixel	40000dots/m2	27777dots/m2	17222dots/m2
Pixel configuration	1R1G1B	1R1G1B	1R1G1B
Red wavelength	625±2nm	625±2nm	625±2nm
Green wavelength	525±2nm	525±2nm	525±2nm
Blue wavelength	470±2nm	470±2nm	470±2nm
Colors	16777216	16777216	16777216
Best viewing distance	≥6m	≥6m	≥6m
Horizontal viewing angle	140°	140°	140°
Maximum power consumption	<500W/m2	<500W/m2	<400W/m2
Brightness	1500c d /m2	1500c d /m2	1500c d /m2
Gray scale	14bits per color	14bits per color	14bits per color
Color temperature	6500k	6500k	6500k
Control method	Synchronization & Asynchronization	Synchronization & Asynchronization	Synchronization & Asynchronization
Driving method	1/16 scanning	1/16 scanning	1/16 scanning
Frame frequency	60Hz	60Hz	60Hz
Refresh frequency	≥180Hz	≥180Hz	≥180Hz
Working voltage	AC220V/110V±10%	AC220V/110V±10%	AC220V/110V±10%
IP grade	IP45	IP45	IP45
Working temperature	-10℃±45℃	-10℃±45℃	-10℃±45℃
MTBF	>10000 hours	>10000 hours	>10000 hours
Life span	>100, 000 hours	>100, 000 hours)	>100, 000 hours

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