

LEDSOLUTION 4mm Permanent Indoor SMD LED Panel

LEDSOLUTION®



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SHENZHEN LED SOLUTION TECHNOLOGY CO.,LTD

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Parameter	Unit	Value
Pitch	mm	4
Brightness	nits	1000
Color temperature	deg. K	6500
Viewing angle -Horizontal (50% brightness)	deg.	140(-70 ~ +70)
Viewing angle -Vertical (50% brightness)	deg.	140(-70 ~ +70)
Panel weight	kg	30
Panel width	mm	1024
Panel height	mm	1024
Panel depth	mm	103
Panel area	sq. m.	1.048
Panel material		Epoxy paint coated Cold rolled steel
Operating temperature range	deg. C	-30 to +60
Humidity operating	RH	10% ~ 90%
Pixel type and configuration	R/G/B	3in1 SMD
Resolution per panel		256*256
Dot per panel		65536
Dot per sq. meter		62500
LED per sq. meter		62500
Recommended minimum viewing distance	m	4
Recommended best viewing distance	m	4~100
Colors		281 trillion
Grey scale (linear)	Levels	65536 levels per color
Brightness control	Levels	100
Contrast ratio		1000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	180~3000
Input voltage (nominal)	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	Watts / sq. m.	600
Input power (typical)	Watts / sq. m.	240
Lifetime (50% brightness)	Hours	≥100000
Red wavelength (dominant)	nm	620~625
Green wavelength (dominant)	nm	520~525
Blue wavelength (dominant)	nm	470~475
Multimedia data format		DVI,MPG,AVI,WMV,RM etc.
Data interconnection		UTP Cat 5/Optical Fiber
Mounting system		Fixed with4pcs M10 bolts

*LEDSOLUTION reserves the right to change any specifications without notice.