

LEDsolution 6mm Die-Cast Indoor SMD LED Panel

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SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

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Parameter	Unit	Value
Pitch	mm	6
Brightness	nits	1,200
Color temperature	deg. K	6,500
Viewing angle - Horizontal (50% brightness)	deg.	140(-70 ~ +70)
Viewing angle - Vertical (50% brightness)	deg.	140(-70 ~ +70)
Panel weight	kg	7.3
Panel width	mm	576
Panel height	mm	576
Panel depth	mm	90
Panel area	sq. m.	0.332
Panel material		Magnesium aluminum alloy
Panel Mode		Die-Cast rental
Operating temperature range	deg. C	-30 to +60
Humidity operating	RH	10% ~ 90%
Pixel type and configuration	R/G/B	3 in 1 SMD
Resolution per panel		96x96
Dot per panel		9,216
Dot per sq. meter		27,778
LED per sq. meter		27,778
Recommended minimum viewing distance	m	4.5
Recommended best viewing distance	m	6~18
Colors		281 Trillion
Grey scale (linear)	Levels	65,536 levels per color
Brightness control	Levels	256
Contrast ratio		1,000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	180~3,000
Input voltage (nominal)	VAC	110 to 240
Input power frequency	Hertz	50 to 60
Input power (max)	Watts /panel	200
Input power (typical)	Watts /panel	80
Lifetime (50% brightness)	Hours	≥100,000
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		Hanging / Fixed

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