

LEDSolution 10mm Die-cast Perimeter SMD LED Panel

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SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

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Parameter	Unit	Value
Pitch	mm	10
Brightness	nits	6,000
Color temperature	deg. K	6,500
Viewing angle – Horizontal (50% brightness)	deg.	130 (+65/-65)
Viewing angle – Vertical (50% brightness)	deg.	60(+30/-30)
Panel weight	kg	30
Panel width	mm	960
Panel height	mm	960
Panel depth	mm	100
Panel area	sq. m.	0.9216
Panel material		Epoxy paint coated aluminum
Panel Mode		Quick Assembly Cabinet with Bracket
Panel protection		Soft mask
Ingress protection (front/rear)	IP	IP65/IP43
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		96x96
Dot per panel		9,216
Dot per sq. meter		10,000
LED per sq. meter		10,000
Recommended minimum viewing distance	m	7.6
Recommended best viewing distance	m	10~200
Colors		281 trillion
Grey scale (linear)	Levels	65,536 levels per color
Brightness control	Levels	100
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 / cabinet	900
Input power (typical)	Watts / cabinet	360
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		Stand on ground by bracket

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