

## LEDSolution 2.5mm Permanent Indoor SMD LED Panel

**LEDSOLUTION®**



[www.iledsolution.com](http://www.iledsolution.com)

SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

Update 2013-1-1

Parameter	Unit	Value
Pitch	mm	2.5
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	12
Panel width	mm	480
Panel height	mm	480
Panel depth	mm	120
Panel area	sq. m.	0.2304
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		192x192
Dot per panel		36,864
Dot per sq. meter		160,000
LED per sq. meter		160,000
Recommended minimum viewing distance	m	1.9
Recommended best viewing distance	m	2.5~100
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 / panel	300
Input power (typical)	Watts / panel	120
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		Fixed with4pcs M10 bolts

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