

## LEDsolution 5mm Slim Indoor SMD LED Panel



SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

Update 2013-1-1

Parameter	Unit	Value
Pitch	mm	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	8
Panel width	mm	480
Panel height	mm	480
Panel depth	mm	100
Panel area	sq. m.	0.2304
LED Chip		Epistar
LED		Black body SMD
Power supply		Certificated Meanwell
Connector		Neutrik
Panel material		Epoxy paint coated Aluminum
Panel Mode		Slim rental
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		40,000
LED per sq. meter		40,000
Recommended minimum viewing distance	m	3.8
Recommended best viewing distance	m	5~15
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.	275
Input power (typical)	Watts / panel.	110
Lifetime (50% brightness)	Hours	≥100,000
Red wavelength (dominant)	nm	620~625
Green wavelength (dominant)	nm	520~525
Blue wavelength (dominant)	nm	470~475
Data interconnection		UTP Cat 5
Mounting system		Hanging / Fixed

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