

LEDSOLUTION 2mm Die-Cast Indoor SMD LED Panel

LEDSOLUTION®



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SHENZHEN LEDSOLUTION TECHNOLOGY CO.,LTD

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Parameter	Unit	Value
Pitch	mm	2
Brightness	nits	800
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	640
Panel height	mm	480
Panel depth	mm	80
Panel area	sq. m.	0.4096
Panel material		Epoxy paint coated Aluminum
Service access		Front service
Operating temperature range	deg. C	-20 to +60
Humidity operating	RH	10% ~ 60%
Pixel type and configuration	R/G/B	3-in-1 SMD 2020
Resolution per panel		320*240
Dot per panel		76,800
Dot per sq. meter		250,000
LED per sq. meter		250,000
Recommended minimum viewing distance	m	1.5
Recommended best viewing distance	m	2~50m
Colors		281 Trillion
Grey scale (linear)	Levels	65,536
Brightness control	Levels	256
Contrast ratio		2,000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	1,920
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.