

LEDSolution 4.81mm Die-cast Outdoor SMD LED Panel



SHENZHEN LED SOLUTION TECHNOLOGY CO.,LTD

Update 2015-1-1

Parameter	Unit	Value
Pitch	mm	4.81
Brightness	nits	5,500
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	500
Panel height	mm	1,000
Panel depth	mm	75
Panel area	sq. m.	0.5
Panel material		Epoxy paint coated aluminum
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	Outdoor 3in1 SMD
Resolution per panel		104x208
Dot per panel		21,632
Dot per sq. meter		43,264
LED per sq. meter		43,264
Recommended minimum viewing distance	m	3.6
Recommended best viewing distance	m	4~100
Colors		281 trillion
Grey scale (linear)	Levels	65,535 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.	400
Input power (typical)	Watts / panel.	160
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.