

# LEDSOLUTION 2.98mm Die-Cast Outdoor SMD LED Panel

**LEDSOLUTION®**



- Size: 500x500mm
- Pitch: 2.6/2.98/3.91/4.8
- Indoor&Outdoor
- Rental&Fixed Installation

- Fast locks for quick assembly
- High Refresh & High Contrast
- Independent Waterproof Module
- Protecting corner design

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



handle



fast lock



protecting corner

Parameter	Unit	Value
Pitch	mm	2.98
Brightness	nits	4000
Color temperature	deg. K	6500
Viewing angle - Horizontal (50% brightness)	deg.	140(-70 ~ +70)
Viewing angle - Vertical (50% brightness)	deg.	140(-70 ~ +70)
Panel weight	kg	8.4
Panel width	mm	500
Panel height	mm	500
Panel depth	mm	90
Panel area	sq. m.	0.25
Panel material		Die-cast Aluminum
Panel Mode		Rental & Fixed installation
IP rating		IP65/65
Operating temperature range	deg. C	-20 to +60
Humidity operating	RH	10% ~ 60%
Pixel type and configuration	R/G/B	3-in-1 SMD
Resolution per panel		168*168
Dot per panel		28224
Dot per sq. meter		112896
LED per sq. meter		112896
Recommended minimum viewing distance	m	2.2
Recommended best viewing distance	m	3~100
Colors		281 Trillion
Grey scale (linear)	Levels	65536
Brightness control	Levels	256
Contrast ratio		2000:1
Processing depth	bit	16
Video frame rate	Hertz	60
Display refresh rate	Hertz	180~3000
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	≥100000
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.