

## Technical Specification

Created by Elwin from Shenzhen ERALED Optoelectronics Co., Ltd.

Email: salesmanager9@eraled.biz ; URL: www.led-display-boards.com

### ◆ Technical Specification:

**5.04 by 3.92 meters 19.7568 sqm PH8.75mm SMD5050 outdoor LED video display screen for rental use**

<b>Pixel Configuration</b>	SMD5050 (1R,1G,1B)	
Virtual/Visual pixel pitch(mm)	4	
Physical/Real pixel pitch(mm)	8.75	
Pixel density(dots/m <sup>2</sup> )(physical/real)	13061	
Calibrated Brightness	8000 nits(adjustable)	
Color temperature	3,500° — 9,500° K(adjustable)	
Contrast ratio	4,000:1	
Brightness Adjustment	100 grade auto-adjustment	
View angle(degree)(50% brightness)	Horizontal: 160° (80° off center); Vertical: 160° (80° off center)	
Color Capability	4.4 trillion	
Refresh rate(Hz)	>3600 Hz	
Frame frequency(Hz)	>60 Hz	
Interface port	DVI interface(DVI connector)	
Input signal	Video: PAL/NTSC    Optioned: VGA, video, DVD,TV	
Protection grade	IP65 front side/IP54 backside	
Operating temperature(Celsius degree)	-20~+55'	
Storage temperature(Celsius degree)	-30~+65'	
Operation Humidity(RH)	0-95%	
Storage Humidity(RH)	0-99%	
Lifetime(hours)(50% brightness)	100,000 hours	
Servicing	Front and Back	
Power supply	100-240V/50-60HZ	
Screen Operation mode: scan	1/4	
LED Drive	constant-current drive	
Power consumption(W/m <sup>2</sup> ):Maximum	1127	
Power consumption(W/m <sup>2</sup> ):Average	451	
<b>Module Configuration(Pixels quantities of the module)</b>	length	16
	height	16
Module Dimensions(mm)	length	140

Add: Eraled Industry Park, Xincheng Road, Shajing town, Bao an District, Shenzhen, China. [URL: www.led-display-boards.com](http://www.led-display-boards.com),  
Email: manager@eraled.biz; MSN: Eraleddisplay@hotmail.com, Skype: Eraleddisplay Tel: 0086-75527592546; Fax: 0086-7552759256

	height	140
<b>Cabinet Configuration(standard)(module quantities of the cabinet)</b>	length	9
	height	7
Cabinet Dimensions(standard)(mm)	length	1260
	height	980
	width	170
<b>Screen Configuration (only e.g. standard cabinet quantities of the screen)</b>	length	4
	height	4
Screen Dimensions(m)	length	5.0400
	height	3.9200
Screen Size(m <sup>2</sup> )	m <sup>2</sup>	19.7568
Recommend Optimal Viewing Distance: Minimum & Maximum	Min	5
	Max	119
Physical Resolution(dots/pixels)	length	576
	height	448
Aspect Ratio		1.28571