

Technical Parameters of GEM-GS5.9 soft LED Display

1、Die parameters:

No.	Name	Main wavelength(nm)	Brightness
1	Red tube	620-625nm	68-85mcd
2	Green tube	529-531nm	190-210 mcd
3	Blue tube	470-474nm	30-40 mcd
4	Packing mode	SMD1313	
5	Horizontal viewing angle	145°	
6	Vertical viewing angle	145°	

2、Unit module parameters

No.	Name	parameters
1	Pixel spacing(mm)	5.9
2	Module size WxH(mm)	1000×250mm
3	Module resolution	168×42= 7056dot
4	PCB Materials	PET
5	Project	Mini LED Integration

3、Full color screen display design

No.	Project	Specifications
1	Pixel spacing	5.9mm
2	Pixel composition	Mini LED 1313
3	Pixel density	28224dot/m²
4	Permeability(approx)	70%
5	Module size WxH(mm)	1000×250mm
6	Module resolution	168×42dot
7	Clear size WxH(mm)	1000×500mm

8	Product size WxH(mm)	1000×500mm
9	Standard resolution	168×84dot
10	Net weight	≈5-7kg/m²
11	Brightness level approx (CD/m²)	1000-5500cd/m²
12	Viewing angle	145° /145°
13	Viewing distance(m)	6m
14	Gray level	8-16bit
15	Maximum power	800W/m²
16	Average power	260W/m²
17	Scanning mode	Static
18	Refresh rate	1920Hz/2880Hz/3840Hz
19	Degree of protection	INDOOR—IP30
20	Control mode	Special system for soft LED display (4G+5G\APP\WIFI\LAN control)
21	Supporting signal input type	Composite, S-Video, Component, VGA, DVI, HDMI, HD_S DI, USB
22	Input power	AC100~240V, 50/60Hz
23	Temperature	0℃~40℃ (work), - 20℃~+60℃ (store)
24	Humidity	10%-90%RH
25	Theoretical life	>50,000 h
	Product show	

Note: The parameters indicators may vary depending on the specific situation of the project (the product shall be subject to the submitted contract specifications)