

Technical Parameters of GEM-GB3.9 Glass Fencing 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)	3.9mm
2	Manufacturer' s dimension standard WxH(mm)	810×180mm
3	Module resolution	207×46 = 9522dot
4	PCB Materials	Glass
5	Project	Glass+Mini LED Integration

3、Full color screen display design

No.	Project	Specifications
1	Pixel spacing	3.9mm
2	Pixel composition	Mini LED SMD1313
3	Pixel density	65536dot/m²
4	Permeability(approx)	≈70%
5	Module size WxH(mm)	810×180mm

6	Module resolution	207×46dot
7	Clear size WxH(mm)	1080×810mm
8	Product size WxH(mm)	1084×1017mm
9	Standard resolution	276×207dot
10	Net weight	≈30kg/m ²
11	Brightness level approx (CD/m ²)	1000-5000 cd/m ²
12	Viewing angle	145° /145°
13	Viewing distance(m)	4m
14	Gray level	8-16bit
15	Maximum power	800W/m ²
16	Average power	230W/m ²
17	Refresh rate	1920Hz/2880Hz/3840Hz
18	Degree of protection	INDOOR—IP30
19	Control mode	Special system for glass display (4G+5G\APP\WIFI\LAN control)
20	Supporting signal input type	Composite, S-Video, Component, VGA, DVI, HDMI, HD_S DI, USB
21	Input power	AC100~240V, 50/60Hz
22	Temperature	0℃~40℃ (work), - 20℃~+60℃ (store)
23	Humidity	10%-90%RH
24	Theoretical life	>50,000 h
25	Product show	Fencing 

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