

DGLED-Flexible



The flexible LED display screen adopts a modular standardized design, ensuring low heat generation, low power consumption, high contrast, and image playback with minimal latency. It is particularly suitable for stage and commercial applications, enhancing the environmental grade and creating a unique atmosphere.

The flexible LED display supports seamless splicing of various inner/outer arc curved screens without any edges, bumps or dark lines. This results in a smooth surface modeling display that appears more visually appealing. By utilizing standardized product specifications, it enables the construction of creative projects.

Key Feature



Large viewing Angle



Strong magnetic adsorption
installation and good flatness.

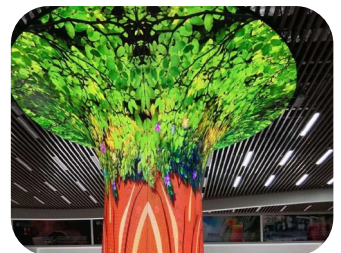
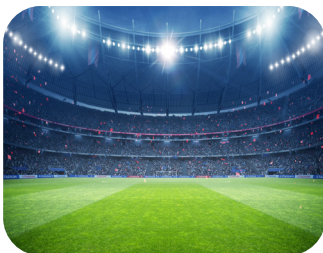


Soft image and good visual effect



Small space occupy,
ultra-thin design with

Applications



Specifications

Model	DG01-A3P12	DG01-A3P15	DG01-A3P18	DG01-A3P20	DG01-A3P25
Product name	P1.25	P1.538	P1.86	P2	P2.5
Pixel configuration	1R1G1B (full color)				
LED chip	SMD1010	SMD1212	SMD1212	SMD1515	SMD1515
Pixel point density (dots/m²)	640000	422500	288906	250000	160000
Module size (mm)	320x160x5.25 (WxHxD)				
resolution	256x128	208x104	172x86	160x80	128x64
Scanning mode	1/64	1/52	1/43	1/40	1/32
Refresh frequency (Hz)	≥3000-3840	≥3000-3840	≥3000-3840	≥3000-3840	≥1920
Frame change frequency	50&60	50&60	50&60	50&60	50&60
Grey scale (bit)	12-16(adjustable)	12-16(adjustable)	12-16(adjustable)	12-16(adjustable)	12-16(adjustable)
Signal interface mode	HUB75	HUB75	HUB75	HUB75	HUB75
Module bottom shell material	Silicone soft shell	Silicone soft shell	Silicone soft shell	Silicone soft shell	Silicone soft shell
Module weight (kg/piece)	0.334	0.330	0.316	0.315	0.269
Cabinet size	Can be customized according to the module size				
Cabinet material	Sheet metal sandblasted iron box				
Cabinet flatness (mm)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3
Protection grade	IP45	IP45	IP45	IP45	IP45
Installation and maintenance	Support front and rear installation & front and rear maintenance				
Optical characteristic					
Brightness (nits)	650-800cd	650-800cd	650-800cd	650-800cd	650-800cd
Color temperature (K)	3000—10000(adjustable)				
Brightness uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Horizontal/vertical view	≥160°/≥140°	≥160°/≥140°	≥160°/≥140°	≥160°/≥140°	≥160°/≥140°
Contrast	5000:1	5000:1	5000:1	5000:1	5000:1
Electrical parameters					
Working input voltage AC (V)	110-220(customizable)				
Power consumption (W/m²) (max)	490	490	440	440	440
power consumption (W/m²) (max) (ave)	165	165	150	150	150
Using parameters					
Lifespan (hrs)	100,000	100,000	100,000	100,000	100,000
Working temperture (°C)	-10—50	-10—50	-10—50	-10—50	-10—50
Storage temperture (°C)	-20—60	-20—60	-20—60	-20—60	-20—60
Operating humidity range (RH)	20—85% (No condensation)				
Storage humidity range (RH)	20—80% (No condensation)				