

Introduction

YA series is an ultra high-definition product independently developed for the market of fine-pitch LED display, which is mainly used for display applications in various control fields such as plan ning museum, science and technology museum, urban planning museum, art museum, museum and creative center.

Features

High Precision:

Cabinet adopts high-strength sheet metal sandblasting iron box, and unique segmental splicing process, which effectively reduces the splicing gap of the screen.

Easy to Maintain:

The module adopts strongly-magnetic adsorption-type mounting, and the design of front maintenance on power box. In special scenarios, the front mouting can be realized, and front maintenance can also be supported with specific tools.

Easy to Mold:

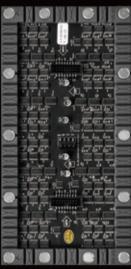
PCB board adopting flexible soft board, with only 8.6mm module thickness, ultra-thin in design, occupying small space.

Low Power Consumption:

Common-cathode design, achieves energy saving, low power consumption, high refresh, HDR highly-dynamic image display, 16bit high gray scale and low brightness.









1.25		YA2112	YA2115	YA2116	YA2118	YA2120	YA2125	YA3130	YA3140			
Module Size (mm) 240*120 Module Resolution(W×H) 192*94 152*76 144*72 128*64 120*60 96*48 80*40 60*30 Pixel Density(Dots/m²) 640000 401111 360000 284444 250000 160000 111111 62500 Cabinet Flatness G-600cd/m² (Adjustable) 500 <th>Pixel Structure</th> <th>SMD1010</th> <th>SMD1010</th> <th>SMD1212</th> <th>SMD1515</th> <th>SMD1515</th> <th>SMD1515</th> <th>SMD2020</th> <th>SMD2020</th>	Pixel Structure	SMD1010	SMD1010	SMD1212	SMD1515	SMD1515	SMD1515	SMD2020	SMD2020			
Module Resolution(W×H) 192*94 152*76 144*72 128*64 120*60 96*48 80*40 60*30 Pixel Density(Dots/m²) 640000 401111 360000 284444 250000 160000 111111 62500 Cabinet Flatness Solot Temperature (K) 200~12000(Adjustable) Color Temperature (K) 200~12000(Adjustable) Center Distance Deviation of Luminescent Point 298% Chroma Uniformity 298% Chroma Uniformity ± 2000/m² Contrast 6000:1 Peak Power ≤500W/m²(600nit Test under white balance) Average Power ≤200W/m² Power Requirements AC100~240V(50~60Hz) Orive Mode Constant current drive Frame Rate 50/60Hz Sefresh Rate 2880-3840Hz Gray Grade 14bit Maintenance Mode Fully-front service	Pixel Pitch (mm)	1.25	1.57	1.66	1.87	2.0	2.5	3.0	4.0			
Dixel Density(Dots/m²) 640000 401111 360000 284444 250000 160000 111111 62500 62500 62500 62500	Module Size (mm)	240*120										
Cabinet Flatness ≤0.1mm Brightness 0-600cd/m²(Adjustable) Color Temperature (K) 2000~12000(Adjustable) Full Screen View (H/V) 160°/160° Center Distance Deviation of Luminescent Point <3% Luminance Uniformity ≥98% Chroma Uniformity ±0.0035 Within Cx,Cy Contrast 6000:1 Peak Power ≤500W/m²(600nit Test under white balance) Average Power ≤200W/m² Power Requirements AC 100~240V(50~60Hz) Orive Mode Constant current drive Frame Rate 50/60Hz Refresh Rate 2880-3840Hz Gray Grade 14bit Maintenance Mode Fully-front service	Module Resolution(W×H)	192*94	152*76	144*72	128*64	120*60	96*48	80*40	60*30			
Brightness 0-600cd/m²(Adjustable)	Pixel Density(Dots/m²)	640000	401111	360000	284444	250000	160000	111111	62500			
Color Temperature (K) 2000~12000(Adjustable) Full Screen View (H/V) Center Distance Deviation ofminescent Point minescent Point mi	Cabinet Flatness	≤0.1mm										
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Luminance Uniformity Luminance Mode Luminance M	Full Screen View (H/V)	160°/160°										
### Dear Chroma Uniformity #### Dear Contrast #### Dear Contrast #### Dear Contrast #### Dear Constant Current drive ###################################	Center Distance Deviation of Luminescent Point	<3%										
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Frame Rate 50/60Hz Refresh Rate 2880-3840Hz Gray Grade 14bit Maintenance Mode Fully-front service	Power Requirements	AC100~240V(50~60Hz)										
Refresh Rate 2880-3840Hz Gray Grade 14bit Maintenance Mode Fully-front service	Drive Mode	Constant current drive										
Gray Grade 14bit Maintenance Mode Fully-front service	Frame Rate	50/60Hz										
Maintenance Mode Fully-front service	Refresh Rate	2880-3840Hz										
·	Gray Grade	14bit										
Protection Grade IP40/IP21	Maintenance Mode	Fully-front service										
	Protection Grade	IP40/IP21										

SHENZHEN LP DISPLAY TECHNOLOGY CO., LTD

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Company Official Website



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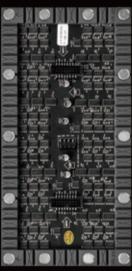
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	YA251220	YA251240	YA3115	YA3118	YA3120	YA3125	YA3130	YA3140		
Pixel Structure	SMD1515	SMD2020	SMD1212	SMD1515	SMD1515	SMD1515	SMD1515	SMD2020		
Pixel Pitch (mm)	2.0	4.0	1.56	1.86	2.0	2.5	3.07	4.0		
Module Size (mm)	256	[*] 128		320*160						
Module Resolution(W×H)	128*64	64*32	204*102	172*86	160*80	128*64	104*52	80*40		
Pixel Density(Dots/m²)	250000	62500	406731	289050	250000	160000	105688	62500		
Cabinet Flatness	≤0.1mm									
Brightness	0-600cd/m²(Adjustable)									
Color Temperature (K)	≤12000 adjustable									
Full Screen View (H/V)	≥160°/≥140°									
Center Distance Deviation of Luminescent Point	<3%									
Luminance Uniformity	≥98%									
Chroma Uniformity	±0.0035 Within Cx,Cy									
Contrast	≥5000:1									
Peak Power	≤500W/m²(600nit Test under white balance)									
Average Power	≤200W/m²									
Power Requirements	AC100~240V(50~60Hz)									
Drive Mode	Constant current drive									
Frame Rate	50/60Hz									
Refresh Rate	2880-3840Hz									
Gray Grade	14-16bit									
Maintenance Mode				Fully-fror	nt service					

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