VANGUARD
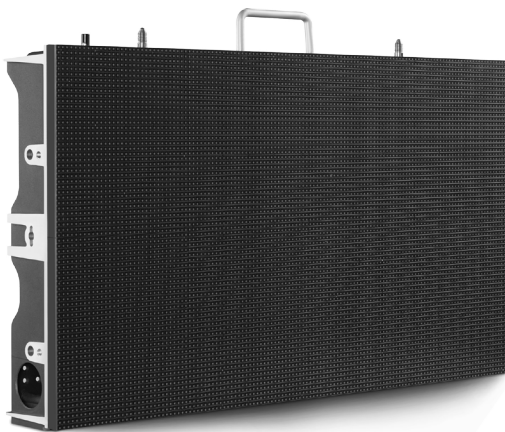## LED DISPLAYS
A Partner Committed To Exceptional Service

RHODIUM SERIES

16:9
Native Aspect Ratio

Technical Specifications

	P2.85	P3.3	P4	P5
Model Number	P2.85	P3.3	P4	P5
Pixel Pitch	2.85mm	3.3mm	4mm	5mm
Physical Density	122,500 pixel/m²	69,120 pixel/m²	62,600 pixel/m²	40,000 pixel/m²
LED Shape	SMD2121 Black	SMD2121 Black	SMD2121 Black	SMD2121 Black
LED Configuration	3 in1	3 in1	3 in1	3 in1
Module Size	12.6"x7.35"	12.6"x7.35"	12.6"x7.35"	12.6"x7.35"
Module Resolution	112*63	96*54	80*45	64*36
Driving Method	1/10 Scanning	1/10 Scanning	1/10 Scanning	1/10 Scanning
Cabinet Size	25.2"x14.7"	25.2"x14.7"	25.2"x14.7"	25.2"x14.7"
Cabinet Resolution	224*126	192*108	160*90	128*72
Module Quantity	4	4	4	4
Cabinet Weight	17lbs	17lbs	17lbs	17lbs
Cabinet Material	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum
Brightness	800 Nits	800-1200 Nits	800-1200 Nits	800-1200 Nits
View Angle	160º/140º	160º/140º	160º/140º	160º/140º
Gray Scale	14-16 bits	14-16 bits	14-16 bits	14-16 bits
Power Source Voltage	AC220V -AC110V 50-60Hz	AC220V -AC110V 50-60Hz	AC220V -AC110V 50-60Hz	AC220V -AC110V 50-60Hz
Max Power Consumption	200W	200W	200W	200W
Average Power Consumption	100W	100W	100W	100W
Minimum Viewing Distance	14.25'	16.5'	20'	25'
IC Driver	MBI5153	MBI5153	MBI5153	MBI5153
Refresh Rate	>2000Hz	>2000Hz	>2000Hz	>2000Hz
IP Rating	IP31	IP31	IP31	IP31
Lifetime to Half Brightness	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Operating Temperature	−10℃～50℃	−10℃～50℃	−10℃～50℃	−10℃～50℃
Storage Temperature	−20℃～60℃	−20℃～60℃	−20℃～60℃	−20℃～60℃
Operating Humidity	20%～90%RH	20%～90%RH	20%～90%RH	20%～90%RH