



## **Leyard LA Series**

## Outdoor Fixed Installation LED Display

Leyard® LA Series outdoor fixed installation LED displays feature a lightweight, thin, high-strength aluminum construction with a heat-resistant design that withstands harsh weather conditions and extreme temperatures. Both the display cabinets and modules are waterproof and feature an IP65 Ingress Protection Rating. The displays offer fully front or rear service maintenance making them ideal for DOOH advertising, billboards, building facades, sports venues and more.



Aluminum Structure Lightweight and offers excellent heat dissipation



High Brightness
Visible in sunlight and improves outdoor visibility



**Easy Maintenance** Front side installation with 100% front or rear service



Lower Consumption Eco-friendly, and extends display lifespan



Curved Splicing
Curved cabinets for outdoor
naked-eye 3D screen



2-Year Warranty Leyard LED Standard Limited Warranty

- 4.4, 6.7 & 10mm pixel pitches
- Brightness up to 7500 nits
- Supports curves & right-angle splicing installations
- IP65 outdoor protection rating





## **Specifications**

Paper   Pitch	ltem	LA04S	LA06S	LA10S
Module Resolution (WarH)         T2x72         48x48         32x32           Module Dimension (WarH)         320x320mm   12.6"x12.6"         320x320mm   12.6"x12.6"         320x320mm   12.6"x12.6"           Module Composition (WarH)         Standard: 4x3         Standard: 4x3         Standard: 4x3         Standard: 4x3           Cabinet Resolution (WarH)         288x216         192x1444         128x06           Cabinet Dimension (WarHxD)         (Optional: 1280X840mm   50.39"x25.2" / 640X660mm   25.2"x37.6" / 640X640mm   25.2"x25.2")           Cabinet Meight         35kg   77.16lb           Plue Density (point/m*)         50625         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear           Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 – 10000K Adjustable         Viewing Angle         H 150" / V 110"         H 150" / V 110"           Pewilston of LED Luminance Center         43%         43%         43%           Contrast Ratio         6000:1         6000:1         6000:1         6000:1           Power Consumption/max; avg)         720W/m²; 240W/m²         750W/m²; 265W/m²         750W/m²; 265W/m²           Maintenance         Front/Rear           Refresh Rate	LED Type	SMD	SMD	SMD
Module Dimension (WxH)         320x320mm   12.6"x12.6"         320x320mm   12.6"x12.6"         320x320mm   12.6"x12.6"           Module Composition (WxH)         Standard: 4x3         Standard: 4x3         Standard: 4x3           Cabinet Resolution (WxH)         288x216         192x144         128x96           Cabinet Dimension (WxHxD)         288x216         Standard: 12280X640mm   50.39"x378"x2.8"         225x378" (640X640mm   25.2"x25.2")           Cabinet Area         Standard: 12288m*  13.29t*         25x378" (640X640mm   25.2"x25.2")         22x25.2")           Cabinet Weight         35kg   77.16ib         5         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear           Brightness         6000nits         7500nits         7500nits         7500nits           Color Temperature         3000 – 10000K Adjustable         4150" / V 110"         H 150" / V 110"         Deviation of LED Luminance Center         43%	Pixel Pitch	4.44mm	6.67mm	10mm
Module Composition (WxH)         Standard: 4x3         Standard: 4x3         Standard: 4x3           Cabinet Resolution (WxH)         288x216         192x144         128x96           Cabinet Dimension (WxHxD)         Standard: 1280x960x71mm   50.39*x37.8*x2.8*           Cabinet Dimension (WxHxD)         (Optional: 1280x840mm   19.3.39*x2.5.2**) 640x960mm   25.2*x25.2**)           Cabinet Area         Standard: 1.2288m²   13.23ft²           Cabinet Weight         35kg   77.16lb           Picel Density (point/m²)         50825         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear           Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 ~ 10000K Adjustable         Viewing Angle         H 150*/ V 110*         H 150*/ V 110*         H 150*/ V 110*           Deviation of LED Luminance Center         <3%	Module Resolution (WxH)	72x72	48x48	32x32
Cabinet Resolution (WxH)         288x216         192x144         128x96           Cabinet Dimension (WxHxD)         Cabinet Dimension (WxHxD)         Standard: 1280x8640mm   50.39*x25.2" (640x8960mm   25.2"x37.8" / 640x840mm   25.2"x27.8" / 7500mls           Cabinet Weight         35kg   77.16lb         35kg   77.16lb           Pixel Density (pointini*)         50625         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP66 Front/Rear           Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 ~ 10000K Adjustable         40000K Adjustable           Viewing Angle         H 150*/V 110*         H 150*/V 110*         H 150*/V 110*           Deviation of LED Luminance Center         < 3%         < 3%         < 3%           Contrast Ratio         6000-1         6000-1         6000-1         6000-1           Power Consumption(max; avg)         720Wim²; 240Wim²         790Wim²; 265Wim²         790Wim²; 265Wim²           Installation         Front/Rear	Module Dimension (WxH)	320x320mm   12.6"x12.6"	320x320mm   12.6"x12.6"	320x320mm   12.6"x12.6"
Standard: 1280x960x71mm   50.39*x37.8*x2.8*	Module Composition (WxH)	Standard: 4x3	Standard: 4x3	Standard: 4x3
Cabinet Area   Standard: 1,228m²   13,23f²	Cabinet Resolution (WxH)	288x216	192x144	128x96
Cabinet Weight         35kg   77.16lb           Pixel Density (point/m²)         50625         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear           Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 ~ 10000K Adjustable           Viewing Angle         H 150° / V 110°         H 150° / V 110°         H 150° / V 110°           Deviation of LED Luminance Center         <3%	Cabinet Dimension (WxHxD)			
Pixel Density (point/m²)         50625         22500         10000           IP Level         IP65 Front/Rear         IP65 Front/Rear         IP65 Front/Rear           Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 ~ 10000K Adjustable         4           Viewing Angle         H 150* / V 110*         H 150* / V 110*         H 150* / V 110*           Deviation of LED Luminance Center         <3%         <3%         <3%           Contrast Ratio         6000:1         6000:1         6000:1           Power Consumption(max; avg)         720Wim²; 240Wim²         790W/m²; 265W/m²         790W/m²; 265W/m²           Installation         Front/Rear         Front/Rear           Maintenance         Front/Rear         Front/Rear           Refresh Rate         ≥3840Hz         Frame Rate         50860Hz           Grey Level (bit)         14         Operating Temperature         -30-50°C   -22~122°F           Storage Temperature         -40-60°C   -40-140°F         Operating Humidity         10-80%RH           Storage Humidity         10-80%RH	Cabinet Area	Standard: 1.2288m²   13.23ft²		
	Cabinet Weight	35kg   77.16lb		
Brightness         6000nits         7500nits         7500nits           Color Temperature         3000 ~ 10000K Adjustable           Viewing Angle         H 150° / V 110°         H 150° / V 110°         H 150° / V 110°           Deviation of LED Luminance Center         <3%	Pixel Density (point/m²)	50625	22500	10000
Color Temperature         3000 ~ 10000K Adjustable           Viewing Angle         H 150° / V 110°         H 150° / V 110°         H 150° / V 110°           Deviation of LED Luminance Center         <3%	IP Level	IP65 Front/Rear	IP65 Front/Rear	IP65 Front/Rear
Viewing Angle         H 150° / V 110°         H 150° / V 110°         H 150° / V 110°           Deviation of LED Luminance Center         <3%	Brightness	6000nits	7500nits	7500nits
Deviation of LED Luminance Center         <3%	Color Temperature	3000 ~ 10000K Adjustable		
Contrast Ratio         6000:1         6000:1         6000:1           Power Consumption(max; avg)         720W/m²; 240W/m²         790W/m²; 265W/m²         790W/m²; 265W/m²           Input Voltage         AC100~240V (50-60Hz)           Installation         Front/Rear           Maintenance         Front/Rear access           Refresh Rate         23840Hz           Frame Rate         50&60Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Viewing Angle	H 150°/V 110°	H 150° / V 110°	H 150°/V 110°
Power Consumption(max; avg)         720W/m²; 240W/m²         790W/m²; 265W/m²         790W/m²; 265W/m²           Input Voltage         AC100~240V (50-60Hz)           Installation         Front/Rear           Maintenance         Front/Rear access           Refresh Rate         ≥3840Hz           Frame Rate         50860Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Deviation of LED Luminance Center	<3%	<3%	<3%
Input Voltage         AC100~240V (50-60Hz)           Installation         Front/Rear           Maintenance         Front/Rear access           Refresh Rate         ≥3840Hz           Frame Rate         50&60Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Contrast Ratio	6000:1	6000:1	6000:1
Installation         Front/Rear           Maintenance         Front/Rear access           Refresh Rate         ≥3840Hz           Frame Rate         50&60Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Power Consumption(max; avg)	720W/m²; 240W/m²	790W/m²; 265W/m²	790W/m²; 265W/m²
Maintenance         Front/Rear access           Refresh Rate         ≥3840Hz           Frame Rate         50&60Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Input Voltage	AC100~240V (50-60Hz)		
Refresh Rate $\geq 3840$ Hz  Frame Rate $50860$ Hz  Grey Level (bit) 14  Operating Temperature $-30\sim50^{\circ}\text{C}\mid -22\sim122^{\circ}\text{F}$ Storage Temperature $-40\sim60^{\circ}\text{C}\mid -40\sim140^{\circ}\text{F}$ Operating Humidity $10\sim90\%$ RH  Storage Humidity $10\sim80\%$ RH	Installation	Front/Rear		
Frame Rate         50&60Hz           Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Maintenance	Front/Rear access		
Grey Level (bit)         14           Operating Temperature         -30~50°C   -22~122°F           Storage Temperature         -40~60°C   -40~140°F           Operating Humidity         10~90%RH           Storage Humidity         10~80%RH	Refresh Rate	≥3840Hz		
Operating Temperature -30~50°C   -22~122°F  Storage Temperature -40~60°C   -40~140°F  Operating Humidity 10~90%RH  Storage Humidity 10~80%RH	Frame Rate	50&60Hz		
Storage Temperature -40~60°C   -40~140°F  Operating Humidity 10~90%RH  Storage Humidity 10~80%RH	Grey Level (bit)	14		
Operating Humidity 10~90%RH  Storage Humidity 10~80%RH	Operating Temperature	-30~50°C   -22~122°F		
Storage Humidity 10~80%RH	Storage Temperature	-40~60°C   -40~140°F		
	Operating Humidity	10~90%RH		
Warranty 2 years	Storage Humidity	10~80%RH		
	Warranty	2 years		