LEDAZ

LED Display & Signage

LED Display & Signage

LED display & signage system is like a dynamic signage via feeding different contents to change the topic anytime you want while it is more eye-catching by moving graphics and so delivers message to audience more efficiently. This system has become one of the most powerful channels for advertising. The vivid colors and sharp images can deliver amazing visual impacts, not only attract those passing by to maximize the media value, but also improve the location's appearance and enhance branding image. It undoubtedly can bring you a great return on branding and advertising.

LED Display & Signage

F4 Series Cabinet Type

FS Series Cabinet Type

M Series Module Type

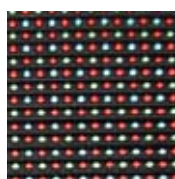**LB Series Strip Type**

LS Series Mesh Type

LED Ball

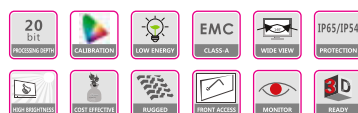**LED Floor**

F4 Series Cabinet Type

F4 Series LED Display System adopts visual pixel technology with fine resolution, large viewing angle & superior performance, which are designed for outdoor applications. Leading high-precision calibration technology brings high quality visual experience. This system has become one of the most powerful channels for advertising. The vivid colors and sharp images of the display can deliver amazing visual impacts, not only attract those passing by to maximize media value, but also improve the location's appearance and upgrade branding image.

| 20 bit PROCESSING DEPTH | CALIBRATION | LOW ENERGY | EMC CLASS-A | WIDE VIEW | IP65/IP54 PROTECTION |
| HIGH BRIGHTNESS | COST EFFECTIVE | RUGGED | FRONT ACCESS | MONITOR | 3D READY |

Physical pixel

Visual pixel

TECHNICAL SPECIFICATIONS

Parameter		Pixel configuration	Visual pixel pitch (mm)	Physical pixel pitch (mm)	Density for visual pixels (pixels/m²)	Density for physical pixels (pixels/m²)	Brightness (after calibration) (cd/m²)	Viewing angle	Processing depth (bit)	Colors
Visual pixel technology	F4V8	Oval lamp 2R1G1B	8	16	15,624	3,906	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4V10	Oval lamp 2R1G1B	10	20	10,000	2,500	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4V12	Oval lamp 2R1G1B	12.5	25	6,400	1,600	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4V16	Oval lamp 2R1G1B	16	32	3,908	977	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
Physical pixel technology	F4P16	Oval lamp 1R1G1B	-	16	-	3,906	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4P20	Oval lamp 1R1G1B	-	20	-	2,500	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4P25	Oval lamp 1R1G1B	-	25	-	1,600	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions
	F4P32	Oval lamp 1R1G1B	-	32	-	977	≥6,500	Horizontal: ≥140° Vertical: ≥60°	20	1,153 quadrillions

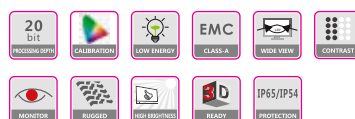## FEATURES & BENEFITS

- Superior performance:
  - US Cree Ø4.0 mm OVAL RGB LED Lamp brings ultra-wide viewing angles : horizontal≥ 140° and vertical ≥ 60°
  - The extremely high contrast ratio up to 8,000:1 can display more color layers and in more details
  - 20 bit processing depth achieves high level of color reproduction, expands color up to 1,153 quadrillions and 1,048,575 levels per colour, which can display more natural and smoother images
  - Vivid and brilliant colors, brightness up to 6,500 nits
  - More attractive by high uniformity of color (chroma precision: 0.001) & brightness (<2%)
- Lightweight and thin cabinet design allow the ease of installation and dismantling to reduce transportation and installation costs
- Seamless connection design connects cabinets into a uniform piece of unit which can display flat and smooth images
- 25%-30% more energy saving
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Monitor and diagnostic working status of display system automatically including the LEDs, fans, power supply units, control cards, etc.
- Dynamic to feed various contents and change topic anytime
- Allow remote control through internet
- Detect and adjust brightness/temperature/humidity of display automatically
- Patented double back-up system to prevent display out of function
- Lightning prevention, overload and short circuit protection
- Allow front (by screw) or rear access maintenance
- Highly reliable and durable
- Withstand adverse weather conditions, like high temperature, high salty air, high humidity, etc.
- Comply with CE, TUV, ETL, RoHS etc.

Grey scale (levels/color)	Max input power (W/m²)	Unit cabinet weight (kg)	Input voltage	Input power frequency (Hz)	Typical lifespan (hrs)	Lifespan-full white, 50% brightness (hrs)	Material and surface color	IP rating	Operating environment
1,048,576	≤529	≤60	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤529	≤60	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤463	≤55	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤244	≤58	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	Temperature: -20°C to 50°C (-68°F to 122°F); Humidity: 10% to 90%RH
1,048,576	≤529	≤58	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤529	≤58	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤463	≤52	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	
1,048,576	≤244	≤58	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	Front: IP65; Rear: IP54	

FS Series Cabinet Type

FS Series LED Display System adopts advanced SMD 3 in 1 technology with extremely fine resolution, large viewing angle & superior performance, which are designed for both indoor & outdoor applications. Leading high-precision calibration technology brings high quality visual experience. This system has become one of the most powerful channels for advertising. It's widely used for advertising in shopping mall, commercial centre, exhibition, hotel and lobby etc. The vivid colors and sharp images of the display can deliver amazing visual impacts, not only attract those passing by to maximize media value, but also improve the location's appearance and upgrade branding image.

TECHNICAL SPECIFICATIONS

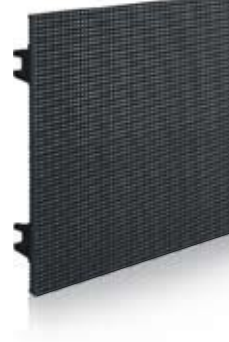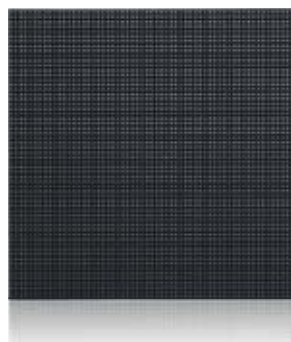| Parameter		LED configuration	Pixel pitch (mm)	Density for pixel (pixels/m²)	Brightness, after calibration (cd/m²)	Viewing angle	Processing depth (bit)	Colors	Grey scale (levels/color)
Indoor	**FS04**	3 in 1 SMD RGB	4.8	43,403	≥2,000	Horizontal : ≥140°; Vertical: ≥120°	20	1,153 quadrillions	1,048,576
	FS06	3 in 1 SMD RGB	6	27,778	≥2,000	Horizontal : ≥140°; Vertical: ≥120°	20	1,153 quadrillions	1,048,576
Indoor / Outdoor	**FS08**	3 in 1 SMD RGB	8	15,625	Indoor : ≥2,000 ; Outdoor : ≥6,000	Horizontal : ≥140° ; Vertical: ≥100°	20	1,153 quadrillions	1,048,576
	FS10	3 in 1 SMD RGB	10	10,000	Indoor : ≥2,000 ; Outdoor : ≥6,000	Horizontal : ≥140° ; Vertical: ≥100°	20	1,153 quadrillions	1,048,576
	FS12	3 in 1 SMD RGB	12	6,944	Indoor : ≥2,000 ; Outdoor : ≥6,000	Horizontal : ≥140° ; Vertical: ≥100°	20	1,153 quadrillions	1,048,576
	FS16	3 in 1 SMD RGB	16	3,906	Indoor : ≥2,000 ; Outdoor : ≥6,000	Horizontal : ≥140° ; Vertical: ≥100°	20	1,153 quadrillions	1,048,576
	FS20	3 in 1 SMD RGB	20	2,498	Indoor : ≥2,000 ; Outdoor : ≥6,000	Horizontal : ≥140° ; Vertical: ≥100°	20	1,153 quadrillions	1,048,576

FEATURES & BENEFITS

- Superior performance:
  - US Cree SMD 3 in 1 RGB LED Lamp brings ultra-wide viewing angles : horizontal≥ 140 °,vertical ≥ 120 °
  - The extremely high contrast ratio from 2,500:1 to 7,500:1 can display more color layers and in more details
  - 20 bit processing depth achieves high level of color reproduction, expands color up to 1,153 quadrillions and 1,048,575 levels per colour, which can display more natural and smoother images
  - Vivid and brilliant colors, brightness up to 6,000 nits
  - More attractive by high uniformity of color (chroma precision: 0.001) & brightness (<2%)
- Lightweight and thin cabinet design allow the ease of installation and dismantling to reduce transportation and installation costs
- Seamless connection design connects cabinets into a uniform piece of unit which can display flat and smooth images
- 25%-30% more energy saving
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Fanless design ensures quiet operation for indoor applications
- Monitor and diagnostic working status of display system automatically including the LEDs, fans, power supply units, control cards, etc.
- Dynamic to feed various contents and change topic anytime
- Allow remote control through internet
- Detect and adjust brightness/temperature/humidity of display automatically
- Patented double back-up system to prevent display out of function
- Lightning prevention, overload and short circuit protection
- Allow front or rear access maintenance for both indoor (by magnetic) and outdoor (by screw) applications
- Highly reliable and durable
- Comply with CE, TUV, ETL, RoHS etc.

Max input power (W/m²)	Weight (kg)	Input voltage	Input power frequency (Hz)	Typical lifespan (hrs)	Lifespan-full white, 50% brightness (hrs)	Cabinet material and surface color	IP rating	Operating environment
≤678	≤19.5	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30	
≤678	≤19.5	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30	
≤976	≤40	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30 or Front: IP65; Rear: IP54	Temperature: indoor: -20°C to 40°C / outdoor: -20°C to 50°C Humidity: 10% to 90%RH
≤922	≤40	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30 or Front: IP65; Rear: IP54	
≤922	≤52	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30 or Front: IP65; Rear: IP54	
≤824	≤52	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30 or Front: IP65; Rear: IP54	
≤894	≤52	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Steel w/ electro. plating, Black	IP30 or Front: IP65; Rear: IP54	

M Series Module Type

M Series Ultra Slim LED Display System adopts advanced SMD 3 in 1 technology with extremely fine resolution, large viewing angle & superior performance, which are designed especially for both indoor and outdoor applications. The modular design could fulfill the needs of various creative shapes. The breakthrough design of high resolution and ultra HD technology achieve extreme shape images. Leading high-precision calibration technology brings high quality visual experience. The lightweight and ultra slim cabinet design allows the ease of installation & dismantling in limited space provision. Its flexibility on mobilization can be ideally used at rental or fixed installation for various applications such as stage, shows, exhibition, advertising, stadium and events etc.

TECHNICAL SPECIFICATIONS

	Parameter	LED configuration	Pixel pitch (mm)	Density for pixel (pixels/m²)	Brightness, after calibration (cd/m²)	Viewing angle	Processing depth (bit)	Colors	Grey scale (levels/color)
Indoor	**M3**	3 in 1 SMD RGB	3	111,111	1,500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	65,536
	M4	3 in 1 SMD RGB	4	62,500	1,500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	65,536
	M6	3 in 1 SMD RGB	6	27,778	2,000	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	65,536
Outdoor	**M10**	3 in 1 SMD RGB	10	10,000	Indoor : 2000; Outdoor : 5500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	65,536
	M12	3 in 1 SMD RGB	12	6,944	Indoor : 2000; Outdoor : 5500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	65,536

FEATURES & BENEFITS

- Superior performance:
  - US Cree SMD 3 in 1 RGB LED Lamp brings ultra-wide viewing angles : horizontal≥ 140 °,vertical ≥ 120 °
  - The extremely high contrast ratio from 3,000:1 to 7,000:1 can display more color layers and in more details
  - 20 bit processing depth achieves high level of color reproduction, expands color up to 1,153 quadrillions and 1,048,575 levels per colour, which can display more natural and smoother images
  - Vivid and brilliant colors, brightness up to 6,000 nits
  - More attractive by high uniformity of color (chroma precision: 0.001) & brightness (<2%)
  - High refresh rate up to 16,000 Hz to guarantee non-flickering live broadcast for various matches and events and to assure the high speed digital camera to capture and gain a stable and complete image
- Lightweight and ultra slim cabinet design allow the ease of installation and dismantling to reduce transportation and installation costs
- Seamless connection design connects cabinets into a uniform piece of unit which can display flat and smooth images
- 25%-30% more energy saving
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Fanless design ensures quiet operation for indoor applications
- Monitor and diagnostic working status of display system automatically including the LEDs, fans, power supply units, control cards, etc.
- Dynamic to feed various contents and change topic anytime
- Allow remote control through internet
- Detect and adjust brightness/temperature/humidity of display automatically
- Patented double back-up system to prevent display out of function
- Lightning prevention, overload and short circuit protection
- Allow rear access maintenance access
- Support hanging, floor cascade, cove, fixed installation
- Highly reliable and durable
- Fully weatherproof of IP65 rating on both front and back for outdoor application
- Comply with CE, TUV, ETL, RoHS etc.

Max. power consumption (W/m²)	Unit tile weight (kg)	Input voltage	Input power frequency (Hz)	Typical lifespan (hrs)	Lifespan-full white, 50% brightness (hrs)	Cabinet material and surface color	IP rating	Operating environment
678	≤5.8	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Aluminum	IP30	
678	≤5.8	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Aluminum	IP30	Temperature: indoor: -30°C to 40°C / outdoor: -30°C to 50°C Humidity: 10% to 90%RH
651	≤9.3	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Aluminum	IP30	
1,128	≤9.5	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Aluminum	Indoor : IP30 Outdoor : IP66	
1,128	≤9.5	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	Aluminum	Indoor : IP30 Outdoor : IP66	

LB Series
Strip
Type

LB Series Strip LED Display System adopts advanced SMD 3 in 1 technology with fine resolution, large viewing angle & superior performance, which is designed for outdoor applications. This system has become one of the most powerful channels for advertising. Its unique features such as creative design, transparent, lightweight, thin and high brightness not only brings high quality pictures and visual impacts to attract those passing by to maximize media value but also improve the location's appearance and upgrade branding image.

TECHNICAL SPECIFICATIONS

Parameter	LED configuration	Pixel pitch (mm)	Density for pixel (pixels/m²)	Brightness, after calibration (cd/m²)	Viewing angle	Processing depth (bit)	Colors	Grey scale (levels/color)
LB25	Oval lamp 1R1G1B	25	1,600	≥6,000	Horizontal : ≥140°; Vertical: ≥60°	16	281 trillion	65,536
LB50	Oval lamp 3R3G2B	50	400	≥6,000	Horizontal : ≥140°; Vertical: ≥60°	16	281 trillion	65,536
LB80	Oval lamp 8R8G5B	80	156	≥6,000	Horizontal : ≥140°; Vertical: ≥60°	16	281 trillion	65,536
LB100	Oval lamp 12R12G8B	100	100	≥6,000	Horizontal : ≥140°; Vertical: ≥60°	16	281 trillion	65,536

FEATURES & BENEFITS

- Superior performance:
  - US Cree SMD 3 in 1 RGB LED Lamp brings ultra-wide viewing angles : horizontal≥ 140°,vertical ≥ 60°
  - 16 bit processing depth achieves high level of color reproduction, expands color up to 281 trillion, which can display more natural and smoother images
  - More attractive by high uniformity of color (chroma precision: 0.001) & brightness (<2%)
- Lightweight and thin cabinet design allow the ease of installation and dismantling to reduce transportation and installation costs
- 25%-30% more energy saving
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Monitor and diagnostic working status of display system automatically including the LEDs, fans, power supply units, control cards, etc.
- Dynamic to feed various contents and change topic anytime
- Allow remote control through internet
- Detect and adjust brightness/temperature/humidity of display automatically
- Patented double back-up system to prevent display out of function
- Lightning prevention, overload and short circuit protection
- Allow front or rear access maintenance
- Highly reliable and durable
- Comply with CE, TUV, ETL, RoHS etc.

Max. power consumption (W/m²)	Unit tile weight (kg/m²)	Transparency (%)	Input voltage	Input power frequency (Hz)	Typical lifespan (hrs)	Lifespan-full white, 50% brightness (hrs)	IP rating	Operating environment
500	≤18	40	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP66	Temperature: indoor: -30°C to 50°C (-22°F to 122°F) Humidity: 10% to 90%RH
420	≤18	50	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP66	
400	≤18	60	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP66	
380	≤18	60	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP66	

LS Series Mesh Type

LS Series Strip LED Display System adopts advanced SMD 3 in 1 technology with extremely fine resolution, large viewing angle & superior performance, which is designed for outdoor applications. This system has become one of the most powerful channels for advertising. Its unique features such as creative design, transparent, lightweight, thin and high brightness not only bring high quality pictures and visual impacts to attract those passing by to maximize media value but also create fantastic stage effects as well. The portable design meets the demands of fast assemble and dismantle at various occasions.

TECHNICAL SPECIFICATIONS

Parameter	LED configuration	Pixel pitch (mm)	Density for pixel (pixels/m²)	Brightness, after calibration (cd/m²)	Viewing angle	Processing depth (bit)	Colors	Grey scale (levels/color)
LS12W600	3 in 1 SMD RGB	12.5	6,400	≥5,500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	1,048,576
LS15W600	3 in 1 SMD RGB	15	4,444	≥5,500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	1,048,576
LS18W600	3 in 1 SMD RGB	18.75	2,844	≥5,500	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	1,048,576
LS25W400 / LS25W800	3 in 1 SMD RGB	25	1,600	≥4,000	Horizontal : ≥140°; Vertical: ≥140°	20	1,153 quadrillions	1,048,576

FEATURES & BENEFITS

- Superior performance:
  - US Cree SMD 3 in 1 RGB LED Lamp brings ultra-wide viewing angles : horizontal≥ 140°,vertical ≥ 140°
  - 20 bit processing depth achieves high level of color reproduction, expands color up to 1,153 quadrillions and 1,048,575 levels per colour, which can display more natural and smoother images
  - Vivid and brilliant colors, brightness up to 5,500 nits
  - More attractive by high uniformity of color (chroma precision: 0.001) & brightness (<2%)
  - High refresh rate up to 16,000 Hz to guarantee non-flickering live broadcast for various matches and events and to assure the high speed digital camera to capture and gain a stable and complete image.
- Lightweight and thin cabinet design allow the ease of installation and dismantling to reduce transportation and installation costs
- Seamless connection design connects cabinets into a uniform piece of unit which can display flat and smooth images
- 25%-30% more energy saving
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Monitor and diagnostic working status of display system automatically including the LEDs, fans, power supply units, control cards, etc.
- Dynamic to feed various contents and change topic anytime
- Allow remote control through internet
- Detect and adjust brightness/temperature/humidity of display automatically
- Patented double back-up system to prevent display out of function
- Lightning prevention, overload and short circuit protection
- Allow front or rear access maintenance
- Highly reliable and durable
- Fully weatherproof of IP65 rating on both front and back
- Comply with CE, TUV, ETL, RoHS etc.

Max. power consumption (W/m²)	Unit tile weight (kg)	Transparency (%)	Input voltage	Input power frequency (Hz)	Typical lifespan (hrs)	Lifespan-full white, 50% brightness (hrs)	IP rating	Operating environment
833	≤7	30	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP65	Temperature: indoor: -20°C to 50°C (-68°F to 122°F) Humidity: 10% to 90%RH
625	≤9	35	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP65	
833	≤8	40	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP65	
468	≤10.5 ≤5.6	55	AC110V or AC220V±10%	50 to 60	≥ 100,000	≥ 50,000	IP65	

LED Ball

LED display market is changing rapidly, from traditional flat advertising display to irregular 3-D shaped display. Besides the traditional function of delivering messages or graphics, Ball Series LED Display System can bring an innovative appearance to audience, which makes it more attractive and eye-catching at various occasions.

TECHNICAL SPECIFICATIONS

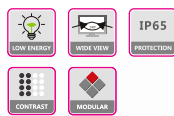| Parameter	Value
Diameter	1000mm
LED configuration	3-in-1 SMD RGB
Pixel pitch	10 mm
Density for pixel	10,000 pixels /m²
Brightness	≥2,000 cd/ m²
Viewing angle	Horizontal : ≥120º ; Vertical : ≥120º
Processing depth	≥12 bit
Color	68.7 billion
Max. input power	2000 W/pc
Typical input power	1000 W/pc
Weight	≤70kg
Input voltage	100V to 260V
Input power frequency	50 to 60Hz
Refresh frequency	≥600Hz
Lifespan	≥ 50,000 hrs
IP rating	IP40
Operating environment	Temperature : -30ºC to 60ºC

FEATURES

- Innovative, extraordinary and colorful 3D sphere appearance
- 360 degree viewing angle creates a better viewing effect than traditional flat LED display
- More eye-catching by high uniformity of color, shape images
- The extremely high contrast ratio up to 2,000:1 can display more color layers and in more details
- Aluminum structural design (i.e. light in weight) allows portable and hanging installation
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- Diameter of the sphere can be custom-made according to the specific requirements and the entire sphere can be controlled synchronously or asynchronously
- Highly reliable and durable

LED Floor

Floor Series LED Display System unlike traditional wall mount advertising display, it displays images on the floor. This dynamic effect can create different atmosphere such as energetic, romantic, cozy, imaginary and exciting etc. for various applications. This system can be used for both indoor and outdoor applications such as hall, exhibition, stage, party, studio and nightclub etc.
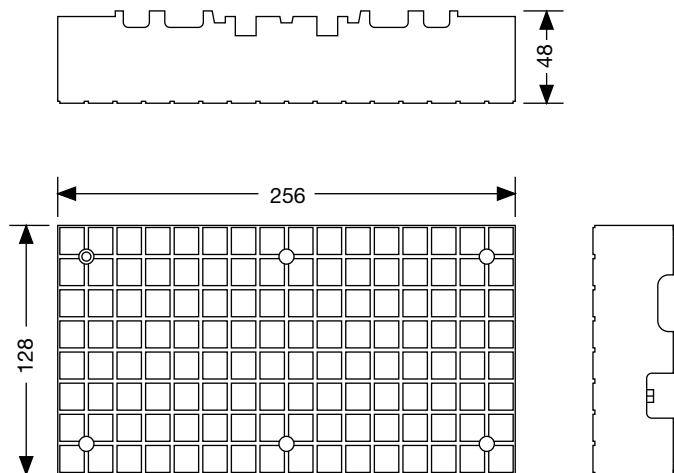

TECHNICAL SPECIFICATIONS

Parameter	LED configuration	Pixel pitch (mm)	Density for pixel (pixels/m²)	Brightness (cd/m²)	Viewing angle	Processing depth (bit)	Colors	Grey scale (levels/color)	Permeability (%)
P10	3 in 1 SMD RGB	10	10,000	>4,000	Horizontal : >120°; Vertical: >120°	12	68.7 billions	4,096	0
P16	3 in 1 SMD RGB	16	3,906	≥3,500	Horizontal : >120°; Vertical: >120°	12	68.7 billions	4,096	0
P50	Oval lamp 2R2G2B	50	200	700	Horizontal : >120°; Vertical: >120°	12	68.7 billions	4,096	0

FEATURES

- The load capacity is high. It allows approximately 1,500kg loading, which is equivalent to the weight of a car
- High water-proof performance can be ideally used for both indoor and outdoor applications
- More eye-catching by high uniformity of color, shape images and large viewing angle
- There is no CABLE connection between modules which ensures product reliability and the ease of installation and dismantling
- The module design allows flexibility on applications such as ceiling, floor, wall, stage and stairs
- Long lifespan over 100,000hrs, 50,000hrs at 50% lumen maintenance
- the extremely high contrast ratio up to 2,000:1 can display more color layers and in more details
- Highly reliable and durable

Max. input power (W/m²)	Typical input power (W/m²)	Module weight (kg/pc)	Thickness (mm)	Input voltage	Input power frequency (Hz)	Lifespan (hrs)	Refresh rate (Hz)	IP rating	Operating environment
700	350	0.78	48	AC110V or AC220V±10%	50 to 60	50,000	≥300	IP65	Temperature: indoor: -20°C to 50°C (-68°F to 122°F) Humidity: 10% to 95%RH
500	250	0.78	48	AC110V or AC220V±10%	50 to 60	50,000	≥300	IP65	
200	100	0.78	48	AC110V or AC220V±10%	50 to 60	50,000	≥300	IP65	

Notes

LEDAZ