



Product Catalogue
Spectacular Series

MAXGO

Your One Stop LED Solution

Spectacular - Cluster Series

Ideal for the use of outdoor architectural and decorative displays. The net structure with each pixel connected by flexible cables reduces the wind drag. A specially designed power chip was installed in each cluster to ensure that the power is evenly distributed for very large displays. It dramatically simplifies the data connection up to the cable and snap-fit mounting mode. Maxgo built a 9,500 m2 screen, the largest LED screen of the world, with the cluster net for the opening Ceremony of 2010s World expo.

CL - Cluster

CL 100/CL 150/CL 200

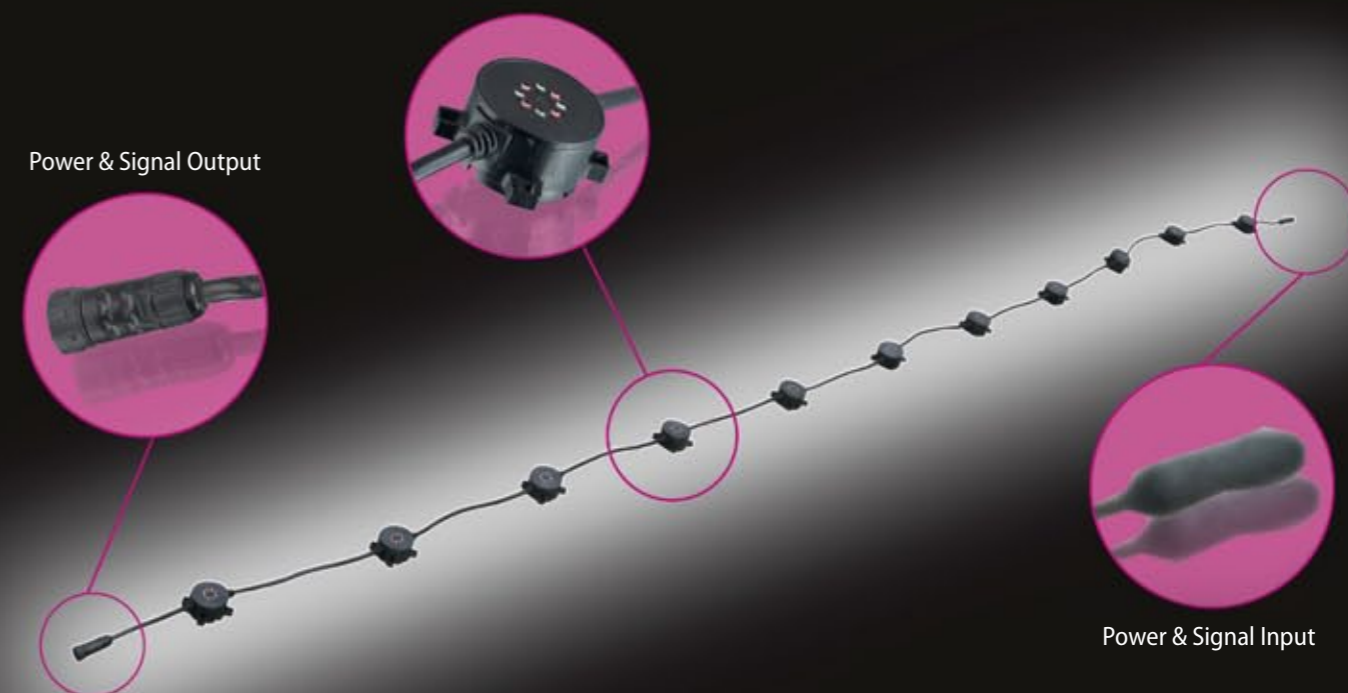


PRODUCT FEATURES

- Extreme light and transparent material, waterproof, especially designed for the large-scale outdoor displays and decorations
- For large-scaled projects, address-free
- Guaranteed simplicity by one-way signal transmission. The way of one-way signal transmission is to re-encode the data sent cascade, effectively avoiding the deviation by the accumulation of multi-chip signal cascade
- Easy installation: the net structure is for quick set up and dismantles
- Extremely flexible: connected by flexible cable to be mounted to any shape and any place
- Capable to operate between 40 degree and 60 degree with low power consumption
- Cost effective solution for large-scale projects

Spectacular - Cluster Series

Model	CL 100	CL 150	CL 200
LAMP			
LED Type	DIP	DIP	DIP
MODULE			
Pixel configuration	2R2G2B	2R2G2B	2R2G2B
LED driving method	Static	Static	Static
Pixels	32 x 1 (W x H)	28 x 1 (W x H)	16 x 1 (W x H)
Pixel pitch	100 mm	150 mm	200 mm
Cluster size	3,200 mm	4,200 mm	3,200 mm
Net. weight	5 kg	6 kg	5 kg
Power	AC 220/110 ± 10 %, 47~63 Hz		
Water proof	IP65		
Serviceability	Front service		
Max. power consumption	≤ 150 W/m ²	≤ 68 W/m ²	≤ 75 W/m ²
Avg. power consumption	≤ 52 W/m ²	≤ 24 W/m ²	≤ 26 W/m ²
Max. current (208 V - 60 Hz)	0.72 A	0.34 A	0.36 A
Hor. viewing angle (min 50 % brightness)	140°		
Vert. viewing angle (min 50 % brightness)	70°		
Brightness	≥ 800 cd/m ²	≥ 350 cd/m ²	≥ 200 cd/m ²
Pixel density	100/m ²	44/m ²	25/m ²
Power factor	> 0.9		
DISPLAY			
Certifications	UL, CE, ETL, ROHS, CCC		
Contrast ratio	1,000 : 1		
Operation temperature	-20° C to +60° C		
Operation humidity	20 % to 90 %		
Lifetime (50 % brightness)	100,000 hours		
Processing	16 bit	16 bit	16 bit
Colors	281 trillion	281 trillion	281 trillion
Refresh rate	≥ 4,200 Hz	≥ 4,200 Hz	≥ 4,200 Hz
Frame rate	60 fps		
Brightness level	Manually 100 levels, Automatically 16 levels.		



The cluster base is installed under the wire-netting, then connected to covers.

The aluminum frames are linked together which fixed into the support steel structure creating the amazing display.



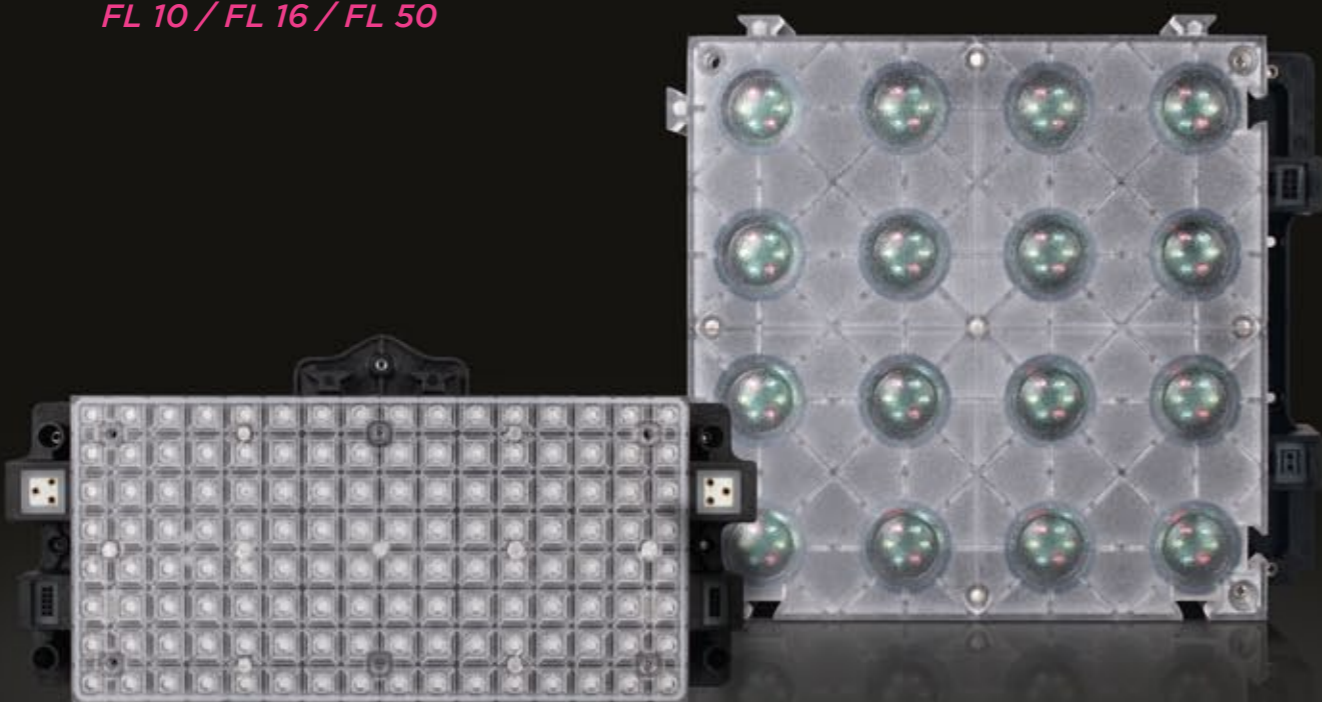
Employing the installation of grid structure is to be robust anti-wind.

Spectacular - Dance Floor Series

Intoxicating, exiting nights that will carry over the public by the atmosphere you can get with the Maxgo dance floor series. Ideal for stages, nightclubs, and disco halls. Maxgo dance floor creative displays can create vivid and stunning lighting effects for environment decoration and really breath-taking colorful events.

FI - Dance Floor

FL 10 / FL 16 / FL 50



PRODUCT FEATURES

- LED dance floor is designed for stages, nightclubs, and disco usage.
- It can be loaded with heavy weight and be viewed within the short distance of 1 meter.
- The dance floor adopts 3-in-1 SMD with a viewing angle up to 140 degree vertically and horizontally.
- The surface is made of a clear acrylic board with 15 mm of thickness
- The built-in mounting track and smart connector solutions make assembly of even numerous modules fast and easy.
- easy to install and dismantle. Installed around the upper and lower connector and marked up with screws, the power and signal connectors can also be connected easily.

Spectacular - Dance Floor Series

Revolutionary Black surface is available to double contrast!

	Model	FL 10	FL 16	FL 50
LAMP	LED Type	3in1 SMD	3in1 SMD	DIP
	Pixel configuration	1R1G1B	1R1G1B	4R2G2B
MODULE	LED driving method	1/4 dynamic scan	1/4 dynamic scan	Static
	Pixels	32 x16 (W x H)	32 x16 (W x H)	4 x 4 (W x H)
	Pixel pitch	10 mm	16 mm	50 mm
	Module size	320 x 160 x 50 mm	256 x 128 x 50 mm	200 x 200 x 50 mm
	Net. weight	1.5 kg	1.3 kg	1.4 kg
	Power	AC 220/110 ± 10 %, 47~63 Hz		
	Water proof	IP65		
	Serviceability	Front service		
	Max. power consumption	≤ 460 W/m ²	≤ 460 W/m ²	≤ 210 W/m ²
	Avg. power consumption	≤ 161 W/m ²	≤ 161 W/m ²	≤ 74 W/m ²
DISPLAY	Max. current (208 V - 60 Hz)	2.21 A	2.21 A	1 A
	Hor. viewing angle (min 50 % brightness)	140°		
	Vert. viewing angle (min 50 % brightness)	140°		70°
	Brightness	≥ 3,000 cd/m ²	≥ 3,000 cd/m ²	≥ 3,000 cd/m ²
	Pixel density	10,000/m ²	3,906/m ²	400/m ²
	Power factor	> 0.9		
	Certifications	UL, CE, ETL, ROHS, CCC		
	Contrast ratio	1,000 : 1		
	Operation temperature	-20° C to +60° C		
	Operation humidity	20 % to 90 %		
Lifetime (50 % brightness)	100,000 hours			
Processing	16 bit	16 bit	16 bit	
Colors	281 trillion	281 trillion	281 trillion	
Refresh rate	≥ 2,000 Hz	≥ 2,000 Hz	≥ 2,000 Hz	
Frame rate	60 fps			
Brightness level	Manually 100 levels, Automatically 16 levels.			



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