



## Conformal Screen | MB Magic Ball Series

Leyard Vteam Conformal Screen is a type of flexible transparent LED display, which has the characteristics with transparency, high brightness, waterproof, simple application, energy-saving and environmental protection, novel materials and visualization. The MB magic ball series adopts the perspective design of the independent invention patent, 360-degree panoramic luminescence based on each light point, the built-in lens design, safety and beauty surface design, etc. It creates a high-tech intelligent display, which is more visually stunning and more three-dimensional.

### 360-degree Panoramic Luminescence

Perspective design of the independent invention patent, 360-degree panoramic light, and the three-dimensional shocking visual experience



### Transparent Display

The hollow design, effectively protects the daylight of the building, saying goodbye to the era of "with screen but without light"



### Soft and Flexible, Matching Different Shapes

Soft and flexible with various abnormal shapes or extract pixels, not limited by its application scenarios



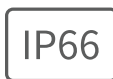
### High Definition with Highlight

Built-in lens design, increasing bringing brightness uniformity by 50%, more energy saving and environmental protection



### Outdoor Waterproof

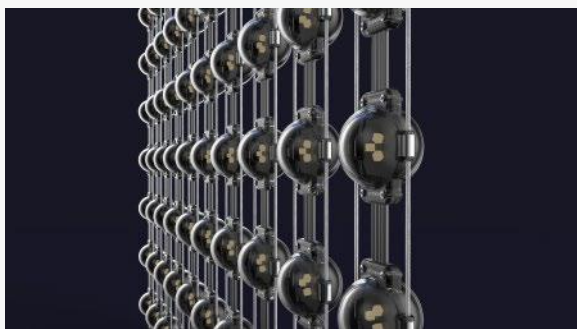
IP66 high protection level, anti-storm and dustproof



### Supporting Continuous Breakpoint Transmission

Double-channel transmission design - whole screen still operate normally, if a single lamp failure





### Pixel Pitch:

55mm / 80mm / 100mm / 200mm / xmm

### Application Scenario

Indoor commercial display, large-scale building walls, Square & city landmarks, ever-changing creative shapes

### MC Project Series

- Application Environment: indoor / outdoor
- Life Span:  $\geq 100,000$ h
- Material: PC
- Installation Method: Hoisting
- Certification: CCC



HD				
High-definition	Self-dissipation	Extremely low wind resistance	Continuous breakpoint transmission	No need steel structure

Model	MB Magic Ball
Pixel Composition	SMD2727 6LED
Brightness Level	15CD/dot
Rated Voltage	DC24V
Single Point Power	1.5W/dot
Dot Size	38.3 x 35.3 x 30mm
Light Weight	<20g / Pixel
Pixel Pitch	55mm / 80mm / 100mm / 200mm / xmm
Resolution	1x100dot
Waterproof Level	IP66
Viewing Angle	360°
Signal Transmission Protocol	BPR
Gray Scale	12bit
Display Scale	68.7 Billion
Refresh Rate	2000Hz
Working Environment	Temperature -40°C~+75°C , Humidity10~90% RH
Life Span	$\geq 100,000$ hours
Certification	CCC