



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



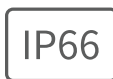
High Definition with Highlight

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



Outdoor Waterproof

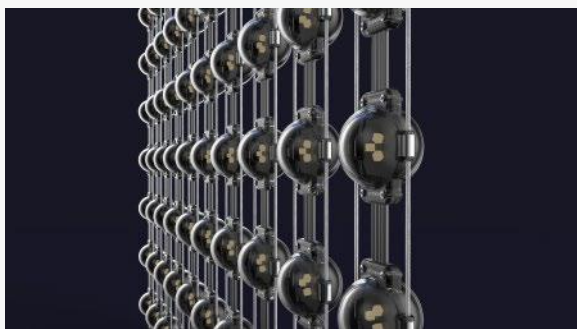
IP66 high protection level, anti-storm and dustproof



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



<p>High-definition</p>	<p>Self-dissipation</p>	<p>Extremely low wind resistance</p>	<p>Continuous breakpoint transmission</p>	<p>No need steel structure</p>
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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