



2025

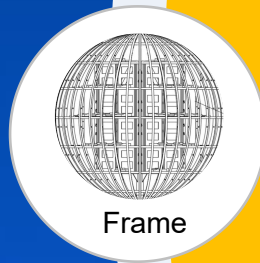
Unilumin Creative LED Sphere

360° Immersive Experience

Creative LED Sphere

Creative LED sphere screen is a new type display, can offer 360 ° immersive visual experience, audiences can appreciate the picture from different directions with wonderful details.

Spherical screens support customized , such as different sizes, dimensions, shapes, colors and contents, to meet the application needs of various scenarios including commercial displays, immersive experiences, interactive entertainment, educational popular science, etc.



Application



Museum



Outdoor Culture Center



Cinema



Commercial Center



Exhibition



Performance Stage

Product Feature



Seamless Splice

Trapezoid PCB board design
Achieve seamless display



360° Visualization

Don't miss any highlights
Enjoy each showtime



Interactive Screen

Gesture sensing,
human screen interaction



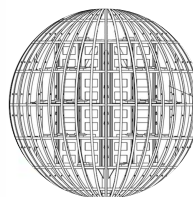
Smooth Display

Evenly selected points
coherent picture



Efficient Operation

Hollow profile
aluminum
frame
Fast heat
dissipation



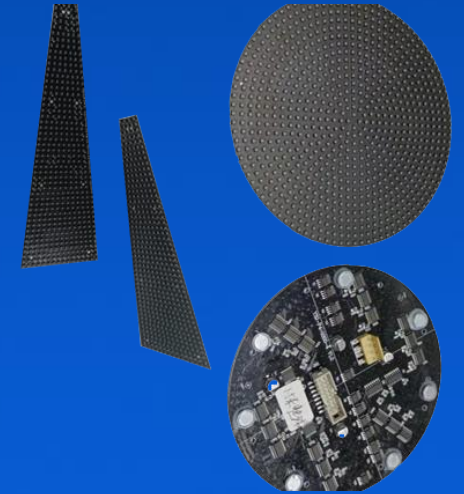
Support Customization

Different diameter, size,
shape, content



Multiple Module Sizes

- Even dot - Even dot technology, display picture without distortion
- Support size customization - Can customize a variety of indoor and outdoor different size models.
- Seamless splicing - With trapezoidal PCB design, seamless splicing can be achieved

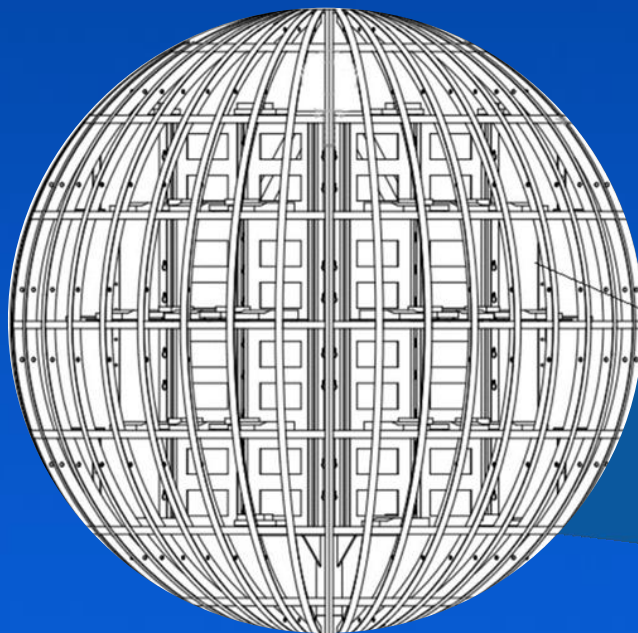


Efficient Operation

Hollow Structure

Extreme Heat Dissipation

Hollow aluminum profile structure design,
reduce the weight of LED sphere screen,
enhance the heat dissipation effect.



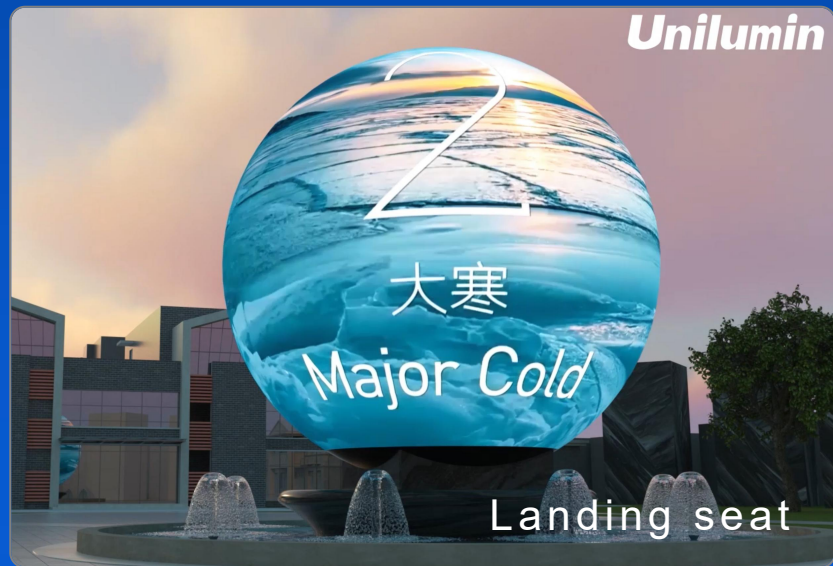
Interactive Experience

Creative LED sphere screen allows customized interactive experiences.

The use of touch screen, gesture sensing and other technologies to enable viewers to interact with the screen, increase interest in the content.



Multiple Installation Methods



■ ■ Acoustic Design- Immersion Cinema Preferred

Perforated Module for Acoustic Transmission *

*Represents selection option

By setting the gap between the acoustic holes on the panel and the rows in the led pixel array, the area of each led pixel area occupies a part of the acoustic hole area, so that the high-density led screen can obtain the ideal sound transmission effect.



Specification

	Umake OF1.5	Umake OF1.8	Umake OF2	Umake OF2.5	Umake OF5
Pixel Combination			1R1G1B		
Application			Indoor		Outdoor
LED Type			SMD		
Sphere Diameter			1M-12M		
Brightness			≥600nits		≥5000nits
Refresh Rate			3840Hz		
Gray Scale			14bit		
Peak Power			800W/m²		
Typical Power			267W/m²		
Operation Temperature			-10℃~+45℃		-20℃~+50℃
Operation Humidity			10~80%		10~90%
Protection Degree			IP30		IP65



Case

Applications

Science & technology museum, exhibition hall, planetarium, earthquake bureau, shopping center, entertainment venue, concert, cinema.

Case

Saudi Arabia--Riyadh Season--2022

35 m in diameter, spherical LED "giant", win the ball screen to the **guinness book of world records**, and to immersion of original digital content, attract visitors from global clock in, has now become a Saudi economic transformation of the "new landmark"

THANKS



400-677-3888