

# Applications



Theme Park

360 Cinema & 4D theater

Public Places & Advertising

Museum & Planetarium



DesignLED, a leader in creative visualization solution, introduces a cutting-edge large-scale immersive 2.5mm Globe and Dome LED system, designed to meet the fast-paced needs of the immersive visual experience industry.

The world first 2.5mm Globe and Dome LED system features magnetically-attachable tiles for fast assembly, easy access to electronics for simple maintenance and easy installation and handling. Along with these convenient and innovative features, the Globe and Dome LED system incorporates Safety, Stability, long-lifespan, Serviceability and 24x7 Support required for indoor fixed installations.

Types	LED Dome or LED Globe
Diameter (ft/m)	14ft/4.27m, 28ft/8.53m, 42ft/12.8m, 56ft/17.07m
Resolution	8K+
LED Type/Brand	SMD 3 in 1
Brightness(nits)	600nits
Weight/sqm	25kg/sqm
Pixel/M <sup>2</sup>	160,000
Viewing Angle(H/V)	360°
Gray Level	16bit
Processing	1920x1080
IP rating	Indoor
Scan	Constant Current
Refresh Rate	1920-3840Hz
Max Power/sqm	500W/sqm
Frame change frequency	59.7Hz ,60Hz,120Hz
Interface Type	HDMI,DVI,SDI,DP,HD-SDI
storage temperature	-40°C~60°C
Operating temperature	-10°C~40°C
Storage humidity	10%~90%
Working humidity	10%~90%
Protection level	IP30 Indoor
Typical life time	100K Hrs
Power input& Distance from PSU-module	DC24 Volts @10meters, DC36 Volts @15meters
Applications	Entertainment, Theme Park, 3D Theatre, Sports, Education, Planatarium, Simulation
Certificate	FCC, ETL, CE, RoHs, Reach

The specifications are subject to change without prior notice.

For more information, please contact [sales@designledpro.com](mailto:sales@designledpro.com) or call +86-755-23221662

