

Brighten Every Moment

LumiUltra Series

Outdoor



10,000 Nits Brightness



Front & Rear Maintenance



Energy Saving

Robust and Stable Performance

• Lower Dead Pixel Rate

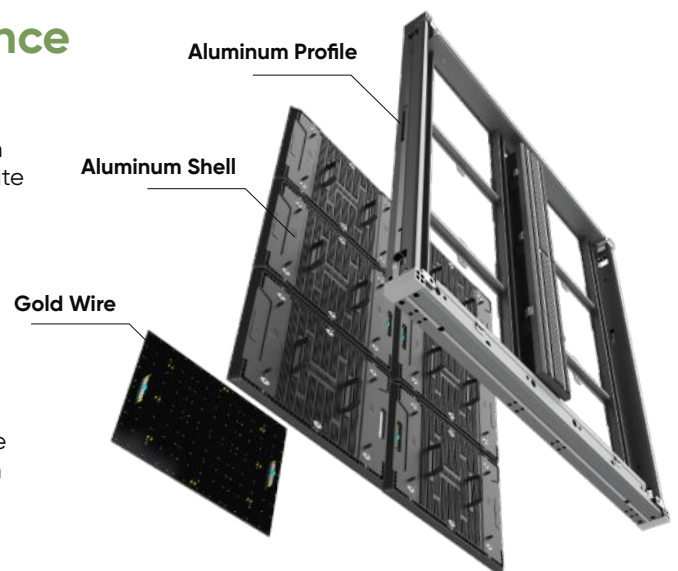
Gold Wire's chemical stability and resistance to oxidation prevent open circuits, significantly reducing dead pixel rate

• Higher Protection Level

Fully enclosed in an aluminum shell, with IP67 front protection and IP66 rear protection

• Stronger & Lighter Structure

Aluminum profile achieves a stronger and lighter structure and flatter splicing, further improved by open rear design



Excellent Heat Dissipation

- Capable of operating below 60°C **without air conditioning**
- **PCB directly connected** to aluminum bottom shell with thermal grease
- Enhanced heat dissipation through **numerous fins and open rear design**

Corner Bar Cabinet

- Seamlessly joins two LED cabinets for an **outer right angle** installation
- Eliminates vertical seams for a smooth visual effect



Energy Saving

- **Common cathode** RGB diodes with separate anode control
- Sophisticated circuit design **reduces the supply voltage** to the LEDs.
- **40% to 50%** energy savings



High-Quality Imaging

- Boasts an initial high brightness of **10,000 nits**
- Less brightness degradation, maintaining high brightness after **5 years** of use



Easier Installation

- Supports **cordless and waterproof** connection
- **Aviation plugs** ensure easier installation



Application Scenarios



Billboard



Outdoor Glasses-Free 3D



Building Facade

Key Spec

	DS-D4257FO-GLF	DS-D4260FO-GLF	DS-D4280FO-GLF	DS-D42A0FO-GLF
Pixel Structure	Gold wire SMD triad LED			
Pixel Pitch (mm)	5.71	6.67	8	10
Module Composition (W × H)	2 × 3			
Module Structure	Aluminum Shell			
Cabinet Dimension (W × H × D, mm)	960 × 960 × 97 (37.80" × 37.80" × 3.82")			
Cabinet Resolution (W × H)	168 × 168	144 × 144	120 × 120	96 × 96
Cabinet Weight	28 Kg (61.73 lb)			
Pixel Density (dots/m ²)	28224	22500	15625	10000
Cabinet Material	Aluminum profile			
Maintenance Method	Both front and rear maintenance			
Protection Level	Front IP67 and rear IP66			
Brightness (nits)	7000	8500	10000	10000
Viewing Angle	160°(H)/110°(V)			
Contrast Ratio	≥ 8,000:1			
Peak Consumption (W/m ²)	580			
Average Consumption (W/m ²)	200			
Refresh Rate (Hz)	3840			



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