



Planar CarbonLight CLM Series Mesh LED Displays

- ▶ 5.9, 6.9 & 10.4mm pixel pitches
- ▶ See-through and solid mesh designs
- ▶ Carbon fiber construction
- ▶ IP65 outdoor protection rating

Planar® CarbonLight™ CLM Series thin and lightweight mesh LED displays are designed for indoor or outdoor environments and feature transparent and non-transparent carbon fiber for low wind resistance and sound transmissions for unique viewing experiences. Its modular design paired with high-strength carbon fiber casing fits a wide range of simple or complex hanging or free-standing applications.



Carbon Fiber Strength

Planar® CarbonLight™ LED Displays share a patented carbon fiber construction that makes them uniquely lightweight, thin and strong. Their refined mechanical construction and innovative features enable fast and versatile installations that support creativity and catch the eye.



Product Highlights



Weatherproof

The lightweight displays feature an IP65 Ingress Protection Rating which means they are dust tight and protected against even powerful water jets. The mesh design lets wind pass through, making it an exciting option for outdoor events.

Quick-Service Bracketry

Planar CarbonLight bracketry accommodates fast servicing and enables displays to be removed and installed at any location in the video wall without disrupting the overall layout.

Added Assurance

Planar CarbonLight CLM LED video walls feature a 3-year LED Standard Limited Warranty offering additional peace-of-mind investment protection.

Specifications

Model	CLM5.9	CLM5.9 S	CLM6.9	CLM10.4
Pixel Pitch (mm)	5.9	5.9	6.9	10.4
Transparent	Yes	No	Yes	Yes
Resolution	84 x 168		72 x 144	96 x 96
Cabinet Size (WxHxD)	500 x 1000 x 71mm 19.69 x 39.37 x 2.8in		500 x 1,000 x 45mm 19.69 x 39.37 x 1.77in	
Cabinet Weight	6.9kg 15.21lbs	6.5kg 14.33lbs	4.8kg 10.6lbs	
Weight Bearing Capacity (per cabinet)	1,000kg** 2,204lb**		1,000kg** 2,204lb**	
Power Supply	Dual		Dual	
Power Consumption, Max (watts)	300/Cabinet 600/m ² 56/ft ²		300/Cabinet 600/m ² 56/ft ²	
Power Consumption, Typical (watts)	100/Cabinet 200/m ² 19/ft ²		150/Cabinet 300/m ² 28/ft ²	
Line Voltage	100-240V AC, 50/60Hz		100-240V AC, 50/60Hz	
Brightness Max	5,000 cd/m ²		5,000 cd/m ²	
Contrast Ratio	2,000:1		2,000:1	
LED Refresh Rate	3,840Hz		3,000Hz	4,000Hz
Color Temperature, Calibrated	6,500k		6,500k	
Viewing Angle Horizontal, Vertical	140°, 140°		140°, 140°	
Frame Rate	50-60Hz		30-70Hz	
Grey Scale	16 bit		14 bit	
Service Access	Front, Rear		Rear	
Installation	Hanging, Standing		Hanging, Standing	
Lifetime, Typical	100,000 hrs		75,000 hrs	
Environment	Indoor or Outdoor		Indoor or Outdoor	
Protection Rating	IP65		IP65	
Operating Temp.	-20° to 40° C -4° to 104° F		-20° to 40° C -4° to 104° F	
Storage Temp.	-35° to 60° C -31° to 140° F		-20° to 50° C -4° to 122° F	

** Weight Bearing Capacity for hanging

For more information, click to visit: www.planar.com/carbonlight-clm

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