



Signature Design with Carbon Fiber Structure

The Leyard® CarbonLight™ CLF Series is an LED flooring system available in 5.2 and 10.4mm pixel pitches. The Leyard CarbonLight CLF Series flooring system is constructed with a lightweight, carbon fiber frame, creating a high-strength structure built to withstand loads up to 500kg per display.

The Leyard CarbonLight CLF Series features a lightweight, high-strength carbon fiber cabinet in a modular design to fit a wide range of simple or complex applications. Designed for indoor or outdoor applications, the Leyard CarbonLight CLF Series is also layered with a high-strength, wear-proof mask to extend the usability and overall appearance, no matter the environment.

KEY FEATURES

- Available in 5.2 and 10.4mm pixel pitches
- IP65 Protection rating for outdoor applications (for 10.4mm pixel pitch)
- Loads up to 500kg per display
- High-strength, wear-proof mask
- Display size: 500 x 500 x 82mm

LEYARD CARBONLIGHT CLF SERIES

Model Name	CLF5.2	CLF10.4
Pixel Pitch (mm)	5.2	10.4
Resolution	96x96	48x48
Cabinet Size (WxHxD)	500x500x82mm 19.69x19.69x3.23in	
Cabinet Weight	8.0kg 17.6lb	
Weight Bearing Capacity (per cabinet)	500kg 1102lb	
Power Supply	Dual	
Power Consumption, Maximum (watts)	300/Cabinet 1200/sq m 111/sq ft	
Power Consumption, Typical (watts)	150/Cabinet 600/sq m 56/sq ft	
Line Voltage	100-240V AC, 50/60 Hz	
Brightness Max (cd/sq. m)	1500	5000
Contrast Ratio	2000:1	
LED Refresh Rate	1000Hz	
Color Temperature, Calibrated	6500k	
Viewing Angle, Horizontal	140°	
Viewing Angle, Vertical	140°	
Frame Rate	30~70Hz	
Grey Scale	14 bit	
Service Access	Rear	
Installation	Floor	
Lifetime, Typical	75000 hrs	
Environment	Indoor	
Protection Rating	IP40	IP65
Operating Temperature (degrees F/C)	-20° to 40° C -4° to 104° F	
Storage Temperature (degrees F/C)	-20° to 50° C -4° to 122° F	
Cabinet Material	Carbon Fiber	

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