



Signature Design with Carbon Fiber Structure

The Leyard® CarbonLight™ CLO Series is a line of outdoor LED displays designed specifically for rental, staging and flexible-fixed installations. Available in 3.9, 5.2 and 7.8mm pixel pitches, Leyard CarbonLight CLO Series delivers lightweight, unique LED display solutions for eye-catching, creative installations.

The Leyard CarbonLight CLO Series LED displays feature a patented carbon fiber construction that makes them uniquely lightweight, thin and strong. The displays' refined mechanical construction and innovative features deliver fast, flexible and eye-catching installations. Easily adapted to indoor, outdoor, hanging, standing and corner-beveled video walls, Leyard CarbonLight CLO Series LED displays are unique in their thoughtful design and comprehensive range.

KEY FEATURES

- Available in 3.9, 5.2 and 7.8mm pixel pitches
- Ideal for outdoor applications
- Lightweight carbon fiber construction
- IP65 Protection rating for outdoor applications
- Display size: 500 x 500 x 55mm
- Compatible with Leyard CarbonLight Rental and Staging Accessories for rental and staging applications

Accessories For Your All-In-One Rental and Staging System

Leyard CarbonLight CLO Series LED Displays offer accessories to enhance and complete modular LED video wall systems for rental and staging applications:



Surface Protection with Leyard® ERO-LED™

Rugged surface protection technology to prevent pixel damage caused by impact and rough handling during set-up, teardown and transport



Rental Cabinet Frames

Ease of handling, allowing for quick installation and added structural rigidity for large video walls



Modular Ground Support

Modular floor stand for ease of set-up and teardown of standing or hanging video wall configurations



Side-Access Flight Cases

Side-access, 12-cabinet Flight Cases that save time during loading and unloading, as well as saving space and weight during shipping

LEYARD CARBONLIGHT CLO SERIES

Model Name	CLO3.9	CLO5.2	CLO7.8
Pixel Pitch (mm)	3.9	5.2	7.8
Resolution	128x128	96x96	64x64
Cabinet Size (WxHxD)	500x500x56mm 19.69x19.69x2.20in		
Cabinet Weight	5.0kg 11.0lb		
Weight Bearing Capacity (per cabinet)	1000kg** 2204lb**		
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)	6000		
Contrast Ratio	4000:1		
LED Refresh Rate	3000Hz	3000Hz	1920Hz
Color Temperature, Calibrated	6500k		
Viewing Angle, Horizontal	140°		
Viewing Angle, Vertical	140°		
Frame Rate	30~70Hz		
Grey Scale	14 bit		
Service Access	Rear		
Installation	Hanging, Standing		
Lifetime, Typical	75000 hrs		
Environment	Outdoor		
Protection Rating	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		

** Weight Bearing Capacity for hanging

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