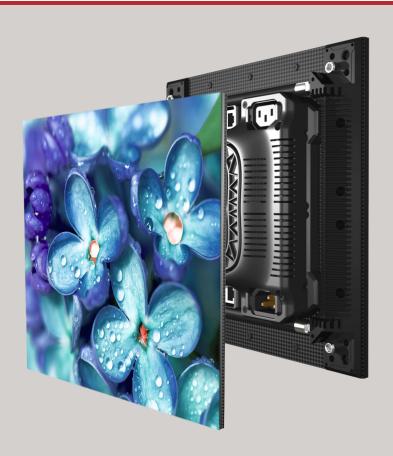# Leyard CarbonLight CLA Series
LED Video Wall

Signature Design with Carbon Fiber Structure

The Leyard® CarbonLight™ CLA Series is a line of LED video wall displays featuring Leyard® PrecisionArc™ alignment technology to create stunningly seamless installations with concave, convex or wave formations. Designed specifically for rental, staging and flexible-fixed installations, Leyard CarbonLight CLA Series is available in 1.5 and 1.9mm pixel pitches and delivers lightweight, unique LED display solutions for eye-catching, creative installations.

The Leyard CarbonLight CLA Series LED displays feature a patented carbon fiber construction that makes them uniquely lightweight, thin and strong. Featuring a refined mechanical construction for fast and flexible installations, Leyard CarbonLight CLA Series LED displays are unique in their thoughtful design and comprehensive range.

KEY FEATURES

- Available in 1.5 and 1.9mm pixel pitches
- Leyard PrecisionArc technology delivers seamless concave, convex and wave shapes
- Lightweight carbon fiber construction
- Compatible for hanging or free-standing installations
- Display size: 250 x 250 x 58mm
- Available with Leyard® ERO-LED™ surface protection coating

Accessories For Your Rental and Staging System

Leyard CarbonLight CLA Series LED Displays offer accessories to enhance 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

LEYARD CARBONLIGHT CLA SERIES		
Model Name	CLA1.5	CLA1.9
Pixel Pitch *(mm)*	1.5	1.9
Resolution	160x160	128x128
Cabinet Size *(WxHxD)*	250x250x58mm | 9.84x9.84x2.28in	
Cabinet Weight	2.1kg* | 4.6lb*	2.0kg* | 4.4lb*
Weight Bearing Capacity *(per cabinet)*	300kg** | 660lb**	
Power Supply	Single/Dual	
Power Consumption, Maximum *(watts)*	75/Cabinet | 1200/sq m | 111/sq ft	
Power Consumption, Typical *(watts)*	36/Cabinet | 576/sq m | 54/sq ft	
Line Voltage	100-240V AC, 50/60 Hz	
Brightness Max *(cd/sq. m)*	700	1000
Contrast Ratio	4000:1	
LED Refresh Rate	3600Hz	
Color Temperature, Calibrated	6500k	
Viewing Angle, Horizontal	140°	
Viewing Angle, Vertical	140°	
Frame Rate	30~70Hz	
Grey Scale	16 bit	
Service Access	Rear	
Installation	Hanging, Standing	
Lifetime, Typical	75000 hrs	
Environment	Indoor	
Protection Rating	IP40	
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