



Ahead of the Curve

Leyard® CarbonLight™ CLI Flex™ is a line of pliable LED video wall displays that combine to create immersive and eye-catching smooth, concave or convex curved video walls.

Leyard CarbonLight CLI Flex displays are designed for indoor, fixed installations. They are bendable and do not cause color shift, offering a more visually-appealing alternative to faceting flat LED cabinets into segmented curves. The LED modules can also be combined with standard Leyard® CarbonLight™ CLI Series cabinets to form unique walls with both flat and curved surfaces.

Leyard CarbonLight CLI Flex is a front-service solution that attaches magnetically to a customized sheet metal mounting frame, facilitating wall-mounting, free-standing or hanging installations.

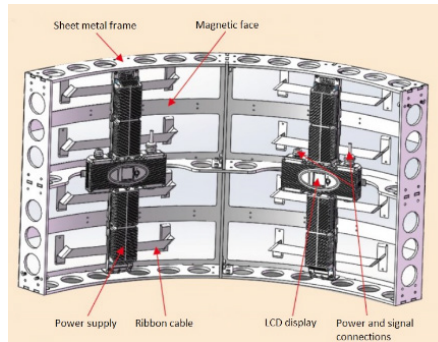
KEY FEATURES

- Concave and convex video walls with smooth curves
- Available in 1.5, 1.9, 2.6 and 3.9 millimeter pixel pitches
- Front installation and service
- Supports a curve radius as small as 25" (637 mm)
- Custom sheet metal mounting frame
- Ideal for LED column wraps, halos, waves and broadcast studio sets

Leyard CarbonLight CLI Flex LED Video Wall Components



Leyard CarbonLight CLI Flex LED modules support a minimum diameter of 49" (1,247mm)



Each power and data distribution unit connects to eight LED modules



Leyard CarbonLight CLI Flex modules attach magnetically to a custom sheet metal box frame

LEYARD CARBONLIGHT CLI FLEX SPECIFICATIONS

Model Name	1.5 mm	1.9 mm	2.6 mm	3.9 mm
LED Module Resolution	160x80	128x64	96x48	64x32
Pixel Density	409600/sq m 38053/sq ft	262144/sq m 24353/sq ft	147456/sq m 13699/sq ft	65536/sq m 6088/sq ft
LED Module Size (W x H)	250 x 125 mm 9.84" x 4.92"	250 x 125 mm 9.84" x 4.92"	250 x 125 mm 9.84" x 4.92"	250 x 125 mm 9.84" x 4.92"
Brightness	700 nits	900 nits	1000 nits	1000 nits
Power Consumption Maximum (watts)	1200/sq m 111.5/sq ft			600/sq m 55.75/sq ft
Power Consumption Typical (watts)	400/sq m 37.2/sq ft			200/sq m 18.58/sq ft
Minimum Curve Diameter	1274 mm			
LED Module Diagonal	279.5 mm 11"			
LED Module Area	.03125 sq m .33637 sq ft			
Line Voltage	100–240V AC, 50/60 Hz			
LED Module Weight	0.099 Kg 0.211 lbs.			
System Weight (Typical)	22.4 Kg/sq m 4.5 lbs/sq ft			
Contrast Ratio	4000:1			
LED Refresh Rate	3840 Hz			
Color Temperature, Adjustable (k)	6500			
Grey Scale	14-bit			
Viewing Angle	140 degrees horizontal, 140 degrees vertical			
Video Input Type	DVI, HDMI, HD-SDI			
Video Input Resolution Maximum	1920 x 1080 @ 60 Hz per S6F, 3840x2160 @ 60 Hz per Z6			
Frame Rate	30 Hz ~ 70 Hz			
Control Input Type	CAT6 Ethernet			
Service Access	Front			
Lifetime (Typical)	75,000 hrs			
Environment	Indoor			
Power Supply	Dual Power			Single Power
Protection	IP40			
Acoustic Noise	Fanless Operation			
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20 to 40 C -4 to 104 F			
Storage Temperature/Humidity (degrees F/C, relative humidity)	-35 to 60 C -31 to 140 F			
Regulatory Compliance	FCC Class A, CE, UL recognized component			
Mounting Structure	Custom sheet metal box frame			
Display Controller	Colorlight S6F or Z6			
Power & Data Distribution Box	8 LED modules per box			

All Leyard CarbonLight CLI Flex projects are managed by the Leyard Custom LED Solution team. Design service fees may apply.