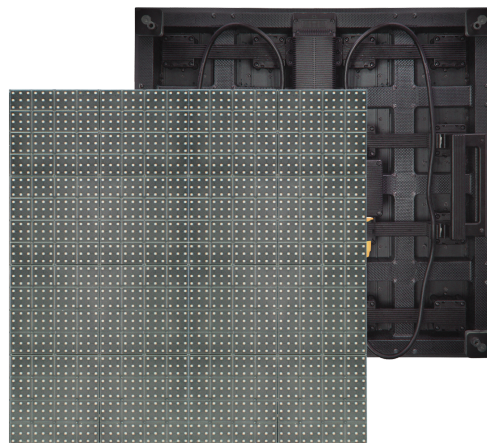# Leyard CarbonLight
CLF10.4
LED FLooring System

The Leyard® CarbonLight™ CLF Series is an LED flooring system available in 5.2, 6.2 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 500 kg per display. Additionally, this highly durable LED flooring system is layered with a high-strength, wear-proof mask to increase the lifespan of the displays.

SPECIFICATION	DETAIL
Planar Part Number	999-CLF104
Product Name	CLF10.4
Pixel Pitch	10.4mm
Resolution	48x48
Pixel Density	9,216 / sq m | 856 / sq ft
LED Cabinet Size (W x H x D)	500 x 500 x 82mm | 19.69 x 19.69 x 3.23in
Cabinet Diagonal	707mm | 27.8in
Cabinet Area	0.25 sq m | 2.69 sq ft
Modules/Cabinet (W x H)	4 x 4
Module Size	125 x 125mm | 4.92 x 4.92in
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, 50/60Hz
Cabinet Weight (per display)	8kg | 17.64lb
Cabinet Weight (per m²)	32kg | 70.5lbs
Brightness Max (cd / sq m)	5000
Contrast Ratio	2000:1

LED Refresh Rate	1000Hz
Color Temperature, Adjustable (k)	6500
Viewing Angle, Horizontal	140°
Viewing Angle, Vertical	140°
Video Inputs	DVI, HDMI, HD-SDI (to VSP)
Video Input Resolution Maximum	1920 x 1080 @ 60Hz
Frame Rate	30Hz~70Hz
Control Input Type	CAT6 Ethernet
Service Access	Floor
Lifetime: Typical	75,000 hrs
Environmental	Indoor, Outdoor
Power Supply	Dual (Redundant)
Protection	IP65
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)	-20° to 50° C | -4° to 122° F
Regulatory Compliance	FCC Class A, CE, UL recognized component
Installation, Service	Floor
Weight Bearing Capacity (per panel)	500kg | 1102lb
Cabinet Material	Carbon Fiber
Grey Scale	14bit

For more information, please visit www.planar.com