



# Planar CarbonLight CLA1.9S

## LED Video Wall

The Planar® CarbonLight™ CLA Series is a line of fine pitch LED video wall displays featuring Planar® PrecisionArc™ alignment technology to create stunningly seamless installations with concave, convex or wave formations. The Planar CarbonLight CLA Series' carbon fiber construction provides lightweight displays in 1.5 and 1.9mm pixel pitches.



SPECIFICATION	DETAIL
Planar Part Number	999-CLA19S
Product Name	CLA1.9S
Pixel Pitch	1.9mm
Resolution	128x128
Pixel Density	262,144 / sq m   24,354 / sq ft
LED Cabinet Size (W x H x D)	250 x 250 x 58mm   9.84 x 9.84 x 2.28in
Cabinet Diagonal	754mm   13.9in
Cabinet Area	0.0625 sq m   0.67 sq ft
Modules/Cabinet (W x H)	1 x 1
Module Size	250 x 250mm   9.84 x 9.84in
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, 50/60Hz
Cabinet Weight (per display)	2.1kg   4.6lb
Cabinet Weight (per m <sup>2</sup> )	32kg   70.5lbs
Brightness Max (cd / sq m)	800
Contrast Ratio	4000:1

<b>LED Refresh Rate</b>	3600Hz
<b>Color Temperature, Adjustable (k)</b>	6500
<b>Viewing Angle, Horizontal</b>	140°
<b>Viewing Angle, Vertical</b>	140°
<b>Video Inputs</b>	DVI, HDMI, HD-SDI (to VSP)
<b>Video Input Resolution Maximum</b>	1920 x 1080 @ 60Hz
<b>Frame Rate</b>	30/70Hz 50,60Hz
<b>Control Input Type</b>	CAT6 Ethernet
<b>Service Access</b>	Rear
<b>Lifetime: Typical</b>	75,000 hrs
<b>Environmental</b>	Indoor
<b>Power Supply</b>	Single
<b>Protection</b>	IP40
<b>Acoustic Noise</b>	Fanless Operation
<b>Operating Temperature/Humidity (degrees F/C, relative humidity)</b>	-20° to 40° C   -4° to 104° F
<b>Storage Temperature/Humidity (degrees F/C, relative humidity)</b>	-20° to 50° C   -4° to 122° F
<b>Regulatory Compliance</b>	FCC Class A, CE, UL recognized component
<b>Installation, Service</b>	Hanging, Standing
<b>Weight Bearing Capacity (per panel)</b>	300kg   660lb
<b>Cabinet Material</b>	Carbon Fiber
<b>Grey Scale</b>	16bit

For more information, please visit [www.planar.com](http://www.planar.com)

*Specifications are subject to change without notice.*

*Specification Report Date: 1/20/2020*

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