



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 ²) | 32kg 70.5lbs |
| Brightness Max (cd / sq m) | 800 |
| Contrast Ratio | 4000:1 |

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| LED Refresh Rate | 3600Hz |
| 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 | 30/70Hz 50,60Hz |
| Control Input Type | CAT6 Ethernet |
| Service Access | Rear |
| Lifetime: Typical | 75,000 hrs |
| Environmental | Indoor |
| Power Supply | Single |
| 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) | -20° to 50° C -4° to 122° F |
| Regulatory Compliance | FCC Class A, CE, UL recognized component |
| Installation, Service | Hanging, Standing |
| Weight Bearing Capacity (per panel) | 300kg 660lb |
| Cabinet Material | Carbon Fiber |
| Grey Scale | 16bit |

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 4/9/2020

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