



Planar CarbonLight CL07.8

Outdoor LED Video Wall

The Planar® CarbonLight™ CLO Series is a line of LED video wall displays ideal for outdoor rental and staging and flexible-fixed applications. Each lightweight display is suitable for hanging and free-standing installations. The Planar CarbonLight CLO Series' adaptable design enhances outdoor installation capabilities. The Planar CarbonLight CLO Series is available in 3.9, 5.2 and 7.8mm pixel pitches.



SPECIFICATION	DETAIL
Planar Part Number	999-CLO78
Product Name	CLO7.8
Pixel Pitch	7.8mm
Resolution	64x64
Pixel Density	16,384 / sq m 1,522 / sq ft
LED Cabinet Size (W x H x D)	500 x 500 x 56mm 19.69 x 19.69 x 2.20in
Cabinet Diagonal	707mm 27.8in
Cabinet Area	0.25 sq m 2.69 sq ft
Modules/Cabinet (W x H)	2 x 4
Module Size	250 x 125mm 9.84 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)	5kg 11.0lb

Cabinet Weight (per m ²)	20kg 44.1lb
Brightness Max (cd / sq m)	6000
Contrast Ratio	4000:1
LED Refresh Rate	1920Hz
Color Temperature, Adjustable (k)	6500
Viewing Angle, Horizontal	140°
Viewing Angle, Vertical	140°
Video Inputs	DVI, HDMI, HD-SDI (to VSP)
HDMI®	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
Video Input Resolution Maximum	1920 x 1080 @ 60Hz
Frame Rate	30Hz~70Hz
Control Input Type	CAT6 Ethernet
Service Access	Rear
LED Lifetime (Half Brightness)	75,000 hrs
Environmental	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	Hanging, Standing
Weight Bearing Capacity (per panel)	1000kg 2204lb

Cabinet Material	Carbon Fiber
Grey Scale	14bit

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 12/13/2023

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