



# 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 <sup>2</sup> )	20kg   44.1lb
Brightness Max (cd / sq m)	6000
Contrast Ratio	4000:1

<b>LED Refresh Rate</b>	1920Hz
<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>	30Hz~70Hz
<b>Control Input Type</b>	CAT6 Ethernet
<b>Service Access</b>	Rear
<b>Lifetime: Typical</b>	75,000 hrs
<b>Environmental</b>	Outdoor
<b>Power Supply</b>	Dual (Redundant)
<b>Protection</b>	IP65
<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>	1000kg   2204lb
<b>Cabinet Material</b>	Carbon Fiber
<b>Grey Scale</b>	14bit

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

*Specifications are subject to change without notice.*

*Specification Report Date: 6/30/2022*

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