PLANAR

Planar CarbonLight CLM5.9S B

Mesh LED Displays

The Planar® CarbonLight™ CLM Series is a line of transparent and non-transparent mesh LED displays designed for rental and staging and flexible-fixed applications in indoor and outdoor environments. Available in 5.9, 6.9 and 10.4mm pixel pitches, the Planar CarbonLight CLM Series is lightweight with high transparency and low wind resistance.

SPECIFICATION	DETAIL
Product Name	CLM 5.9S B
Part Number	998-4118-00
Transparent Application	No
Video Controller	Brompton
Pixel Pitch	5.95 mm
Pixel Density	28,224 px/m2 (2,601 px/sqft)
Cabinet Resolution	84 x 168 px
Cabinet Size (W x H x D)	500 x 1000 x 71 mm (19.69 x 39.37 x 2.80 in)
LED Cabinet Weight	6.5 kg (14.33 lbs)
Modules per Cabinet (W x H)	4 (1 x 4)
Module Size (W x H)	500 x 250 mm (19.69 x 9.84 in)
Brightness Max (cd / sq m)	5,000 cd/m2
Color Temperature (Calibrated)	6500 K
Contrast Ratio	2000:1
Viewing Angle, Horizontal	140°
Viewing Angle, Vertical	140°

Grey Scale	16 bit
LED Refresh Rate	3,840 Hz
Frame Rate	50 - 60 Hz
Power Supply	Dual (Redundant)
Line Voltage	100-240 V AC, 50/60 Hz
Power Consumption, Maximum	300 W per Cabinet (600 W/m2) (56 W/sqft)
Power Consumption, Typical	100 W per Cabinet (200 W/m2) (19 W/sqft)
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 40° C (-4° to 104° F) | 10% - 90%
Storage Temperature/Humidity (degrees F/C, relative humidity)	-35° to 60° C (-31° to 140° F) | 10% - 85%
LED Lifetime, Typical	100,000 hrs
Cabinet Material	Carbon Fiber
Installation	Hanging | Standing
Service Access	Front | Rear
Weight Bearing Capacity (per Cabinet)	FADock/Lock: 1,000 kg (2,205 lbs) | AMDock/Lock: 500 kg (1102 lbs)
Regulatory Compliance	FCC, cTUVus, CE, 3C RoHS
Protection	IP65

For more information, please visit www.planar.com

Specifications are subject to change without notice.
Specification Report Date: 5/31/2025