

# Redot Carbon RC-M6.94



SPECIFICATION	DETAIL
Product name	RC-M6.9
LED configuration	3in1 SMD RGB
Pixel Pitch	6.94mm
Pixel Density	20,736 / sq m   1,926 / sq ft
Cabinet Resolution	72x144
LED Cabinet Size(WxHxD)	500x1000x63mm   19.69x39.37x 2.48in
Cabinet Diagonal	1118mm   44in
Cabinet Area	0.5sqm   5.38sqft
Module Resolution	36x72
Module Size	250x500mm   9.84x 19.69in
Modules/Cabinet (WxH)	2x2
Viewing Angle	140°H/110°V half brightness point
Brightness Calibrated	≥5,000nits
Cabinet Material	Carbon Fiber
Cabinet Weight	6.92kg
Cabinet weight(per sqm)	13.84kg

<b>Tensile strength</b>	1969 kgf
<b>Line Voltage</b>	90VAC ~ 264VAC,50/60Hz
<b>Service Access</b>	Front/ Rear
<b>Physical Transparency</b>	19%
<b>Curving</b>	+ 10 or – 10°
<b>IP Rate(Front&amp;Rear)</b>	IP65
<b>Grey Scale- controller</b>	18bit
<b>Grey scale- driving IC</b>	16bit
<b>Refresh Rate</b>	3840Hz/7680Hz
<b>Power Consumption, Maximum (watts)</b>	301w/cabinet   602W/sqm
<b>Power Consumption, Typical (watts)</b>	150.5w/cabinet   301W/sqm
<b>Operating Temp/Humidity</b>	-20°C ~ 45°C   -4° to 113° F 10% ~ 100%RH
<b>Storage Temp/Humidity</b>	-40°C ~ 60°C   -40° to 140° F 10% ~ 70%RH (non condensing)
<b>Color temperature Adjustable(k)</b>	3000-9000
<b>Video Inputs</b>	DVI, HDMI, HD-SDI, DP
<b>Video Input Resolution Maximum</b>	4096x2160 (@60Hz)
<b>Video input frequency max.</b>	120Hz
<b>Environmental</b>	Indoor, Outdoor
<b>Power supply</b>	Dual( limited redundancy) Hwawan HWT-354V3F-SP 4.2VDC @ 40A
<b>Acoustic Noise</b>	Fanless Operation
<b>Compliance</b>	CE/EMC/LVD
<b>Installation</b>	Hanging, standing
<b>Max. Hanging(Panels)</b>	20 panels with safety factor 11(indoor)
<b>Max. Stacking(Panels)</b>	20 panels with safety factor 11(indoor)