

REDOT

PROFESSIONAL CARBON

RC-iL2.6
Ultralight Carbon LED

RC-iL2.6



LIGHTER

7kg

500x1000mm indoor

BENEFITS OF CARBON FIBER PANELS



LIGHTER



THINNER



TOUGHER



FASTER

	WEIGHT
Average weight of 500*1000mm indoor panel in the market	12KG
RC-iL2.6 500*1000mm panel	7kg

RC-iL2.6

ULTRALIGHT CARBON FIBER LED DISPLAY



LIGHTER

- Weight $\leq 7\text{kg}/\text{panel}$



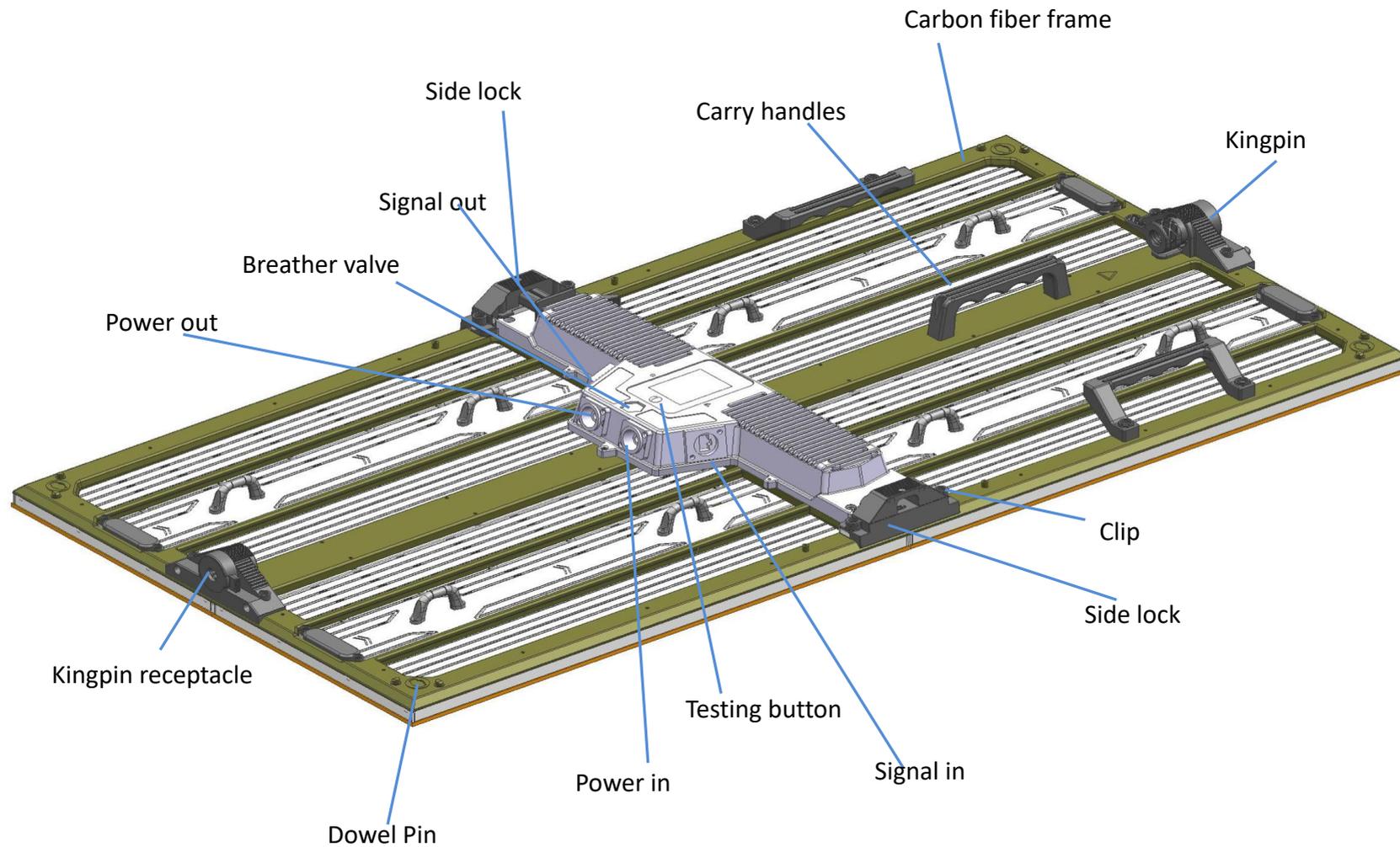
THINNER

- Super slim- 63mm depth

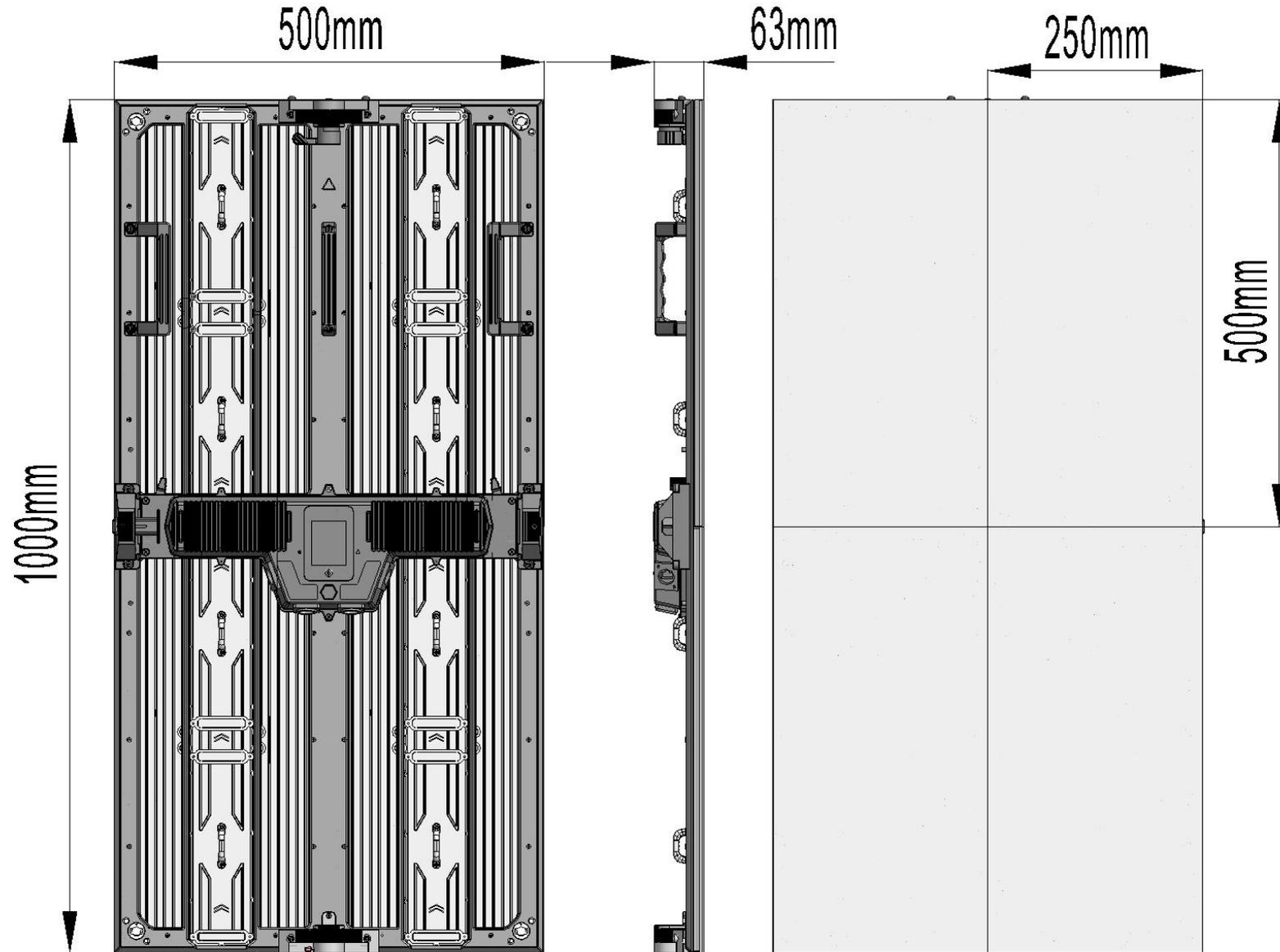
Full Carbon Frame	Modular Design	Curveable
90° Corner	Front & Rear Maintenance	Half panel Compatible



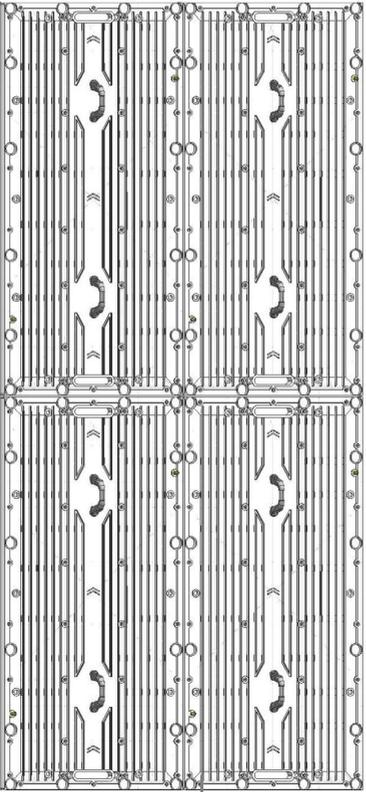
OVERVIEW



MEASUREMENTS



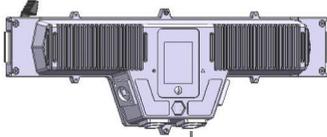
MODULAR DESIGN



LED Module



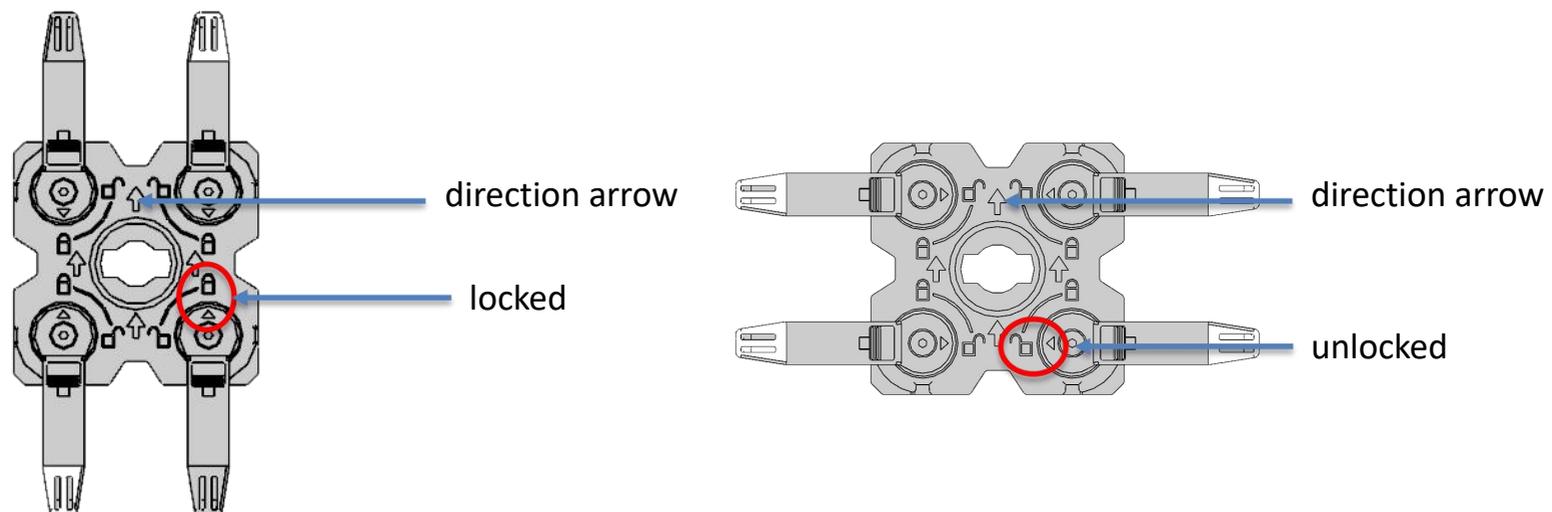
Carbon Fiber Frame



Power Box



LOCKING SYSTEM- CONNECTION PLATE

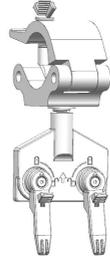


Push down the button and rotate the lever to open and close the lock

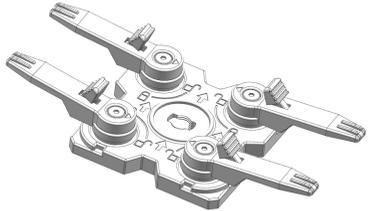
STRAIGHT INSTALLATION



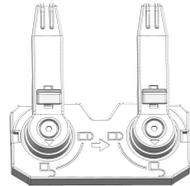
Half hanging
connection plate



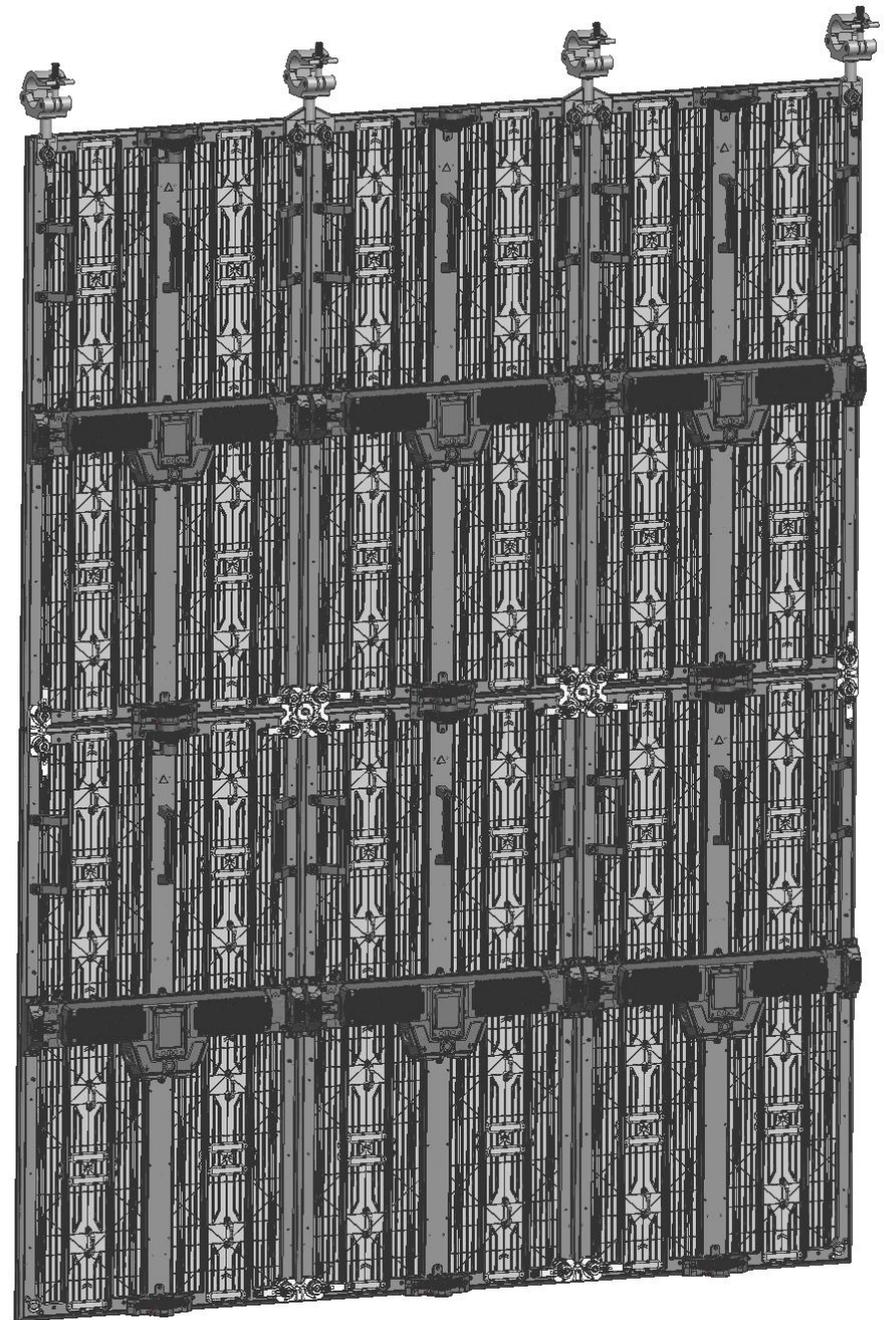
Hanging
connection plate



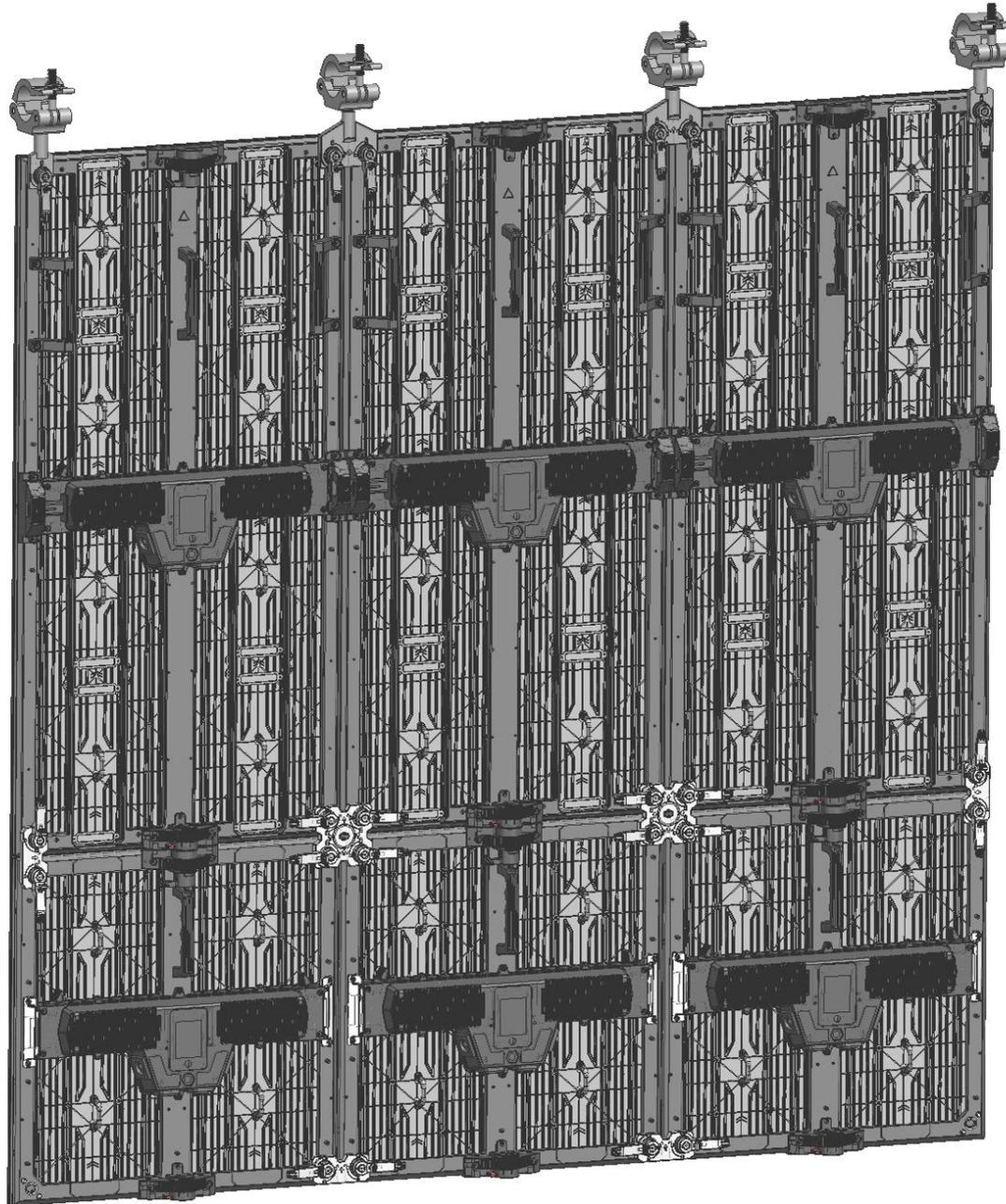
Connection plate



Half connection plate

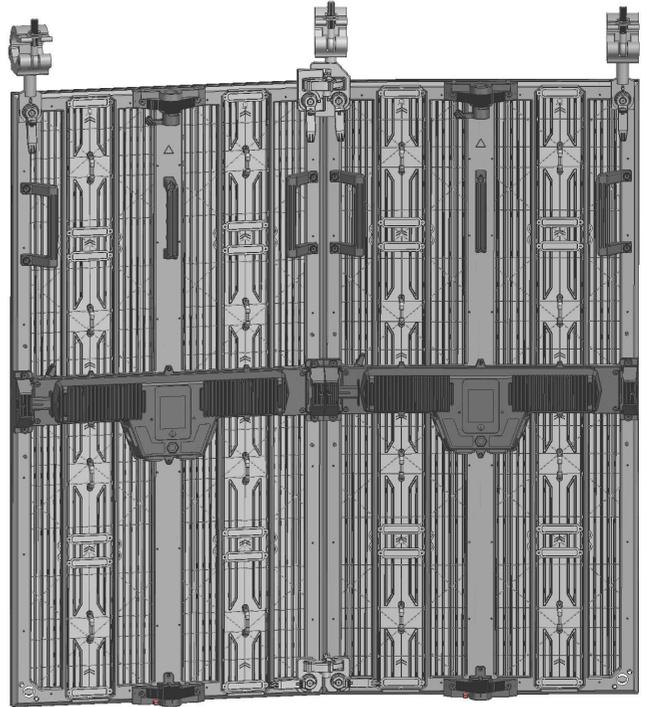
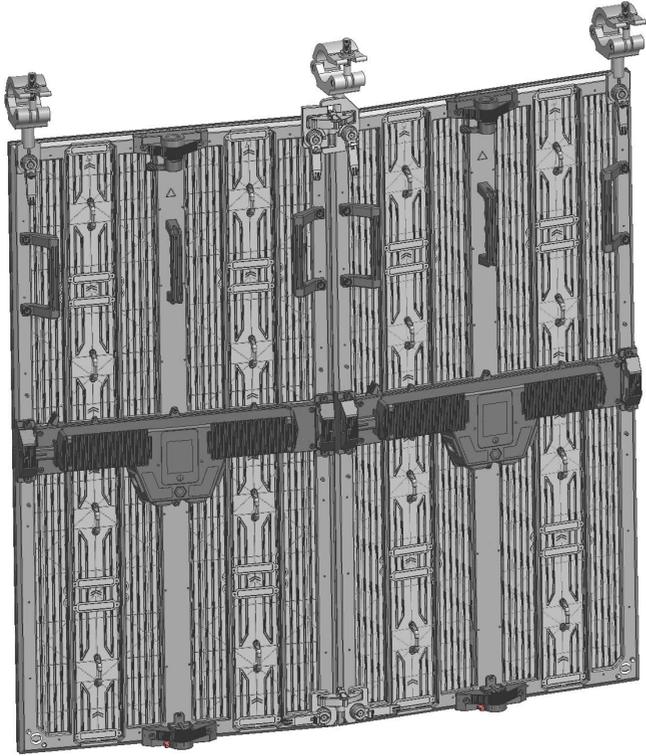


HALF PANEL COMPATIBLE

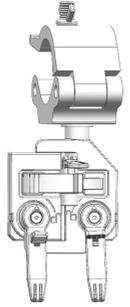


Redot
Carbon

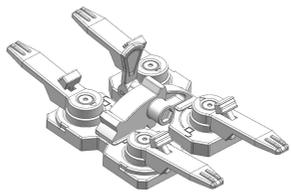
CURVED INSTALLATION



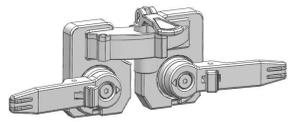
Half hanging connection plate



Hanging curve connection plate

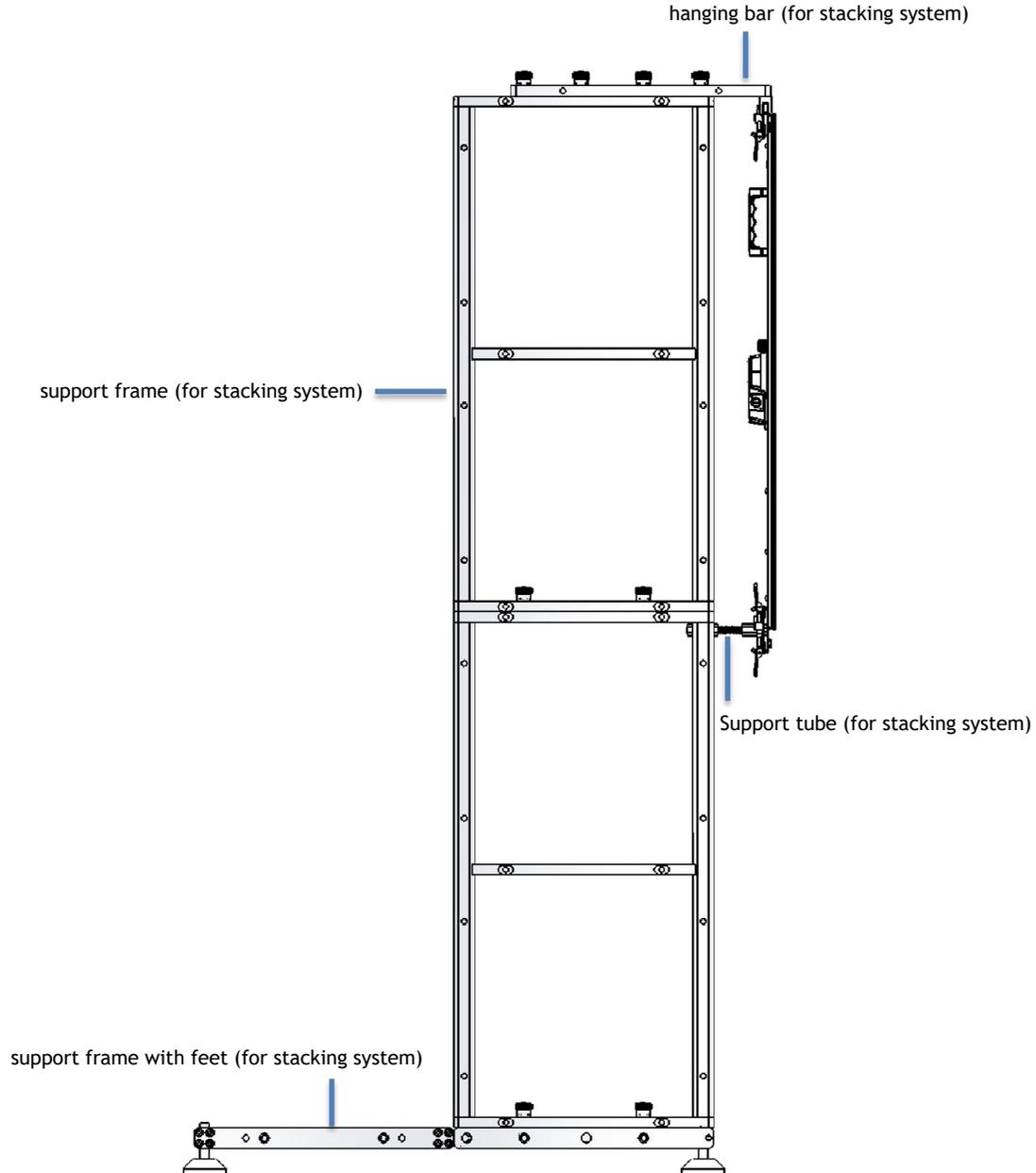


Curving connection plate

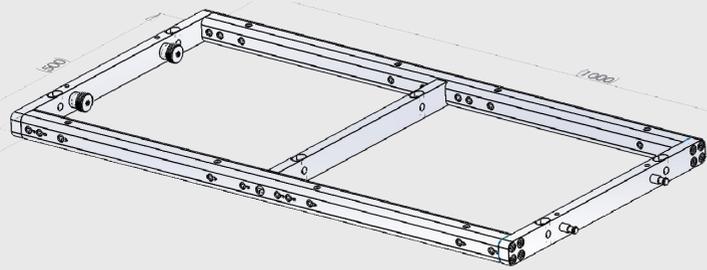


Half curving connection plate

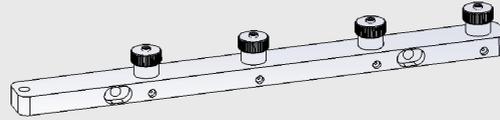
STACKING INSTALLATION



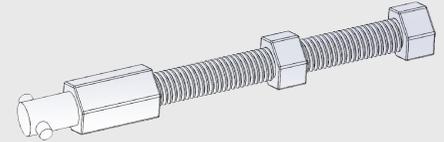
STACKING INSTALLATION



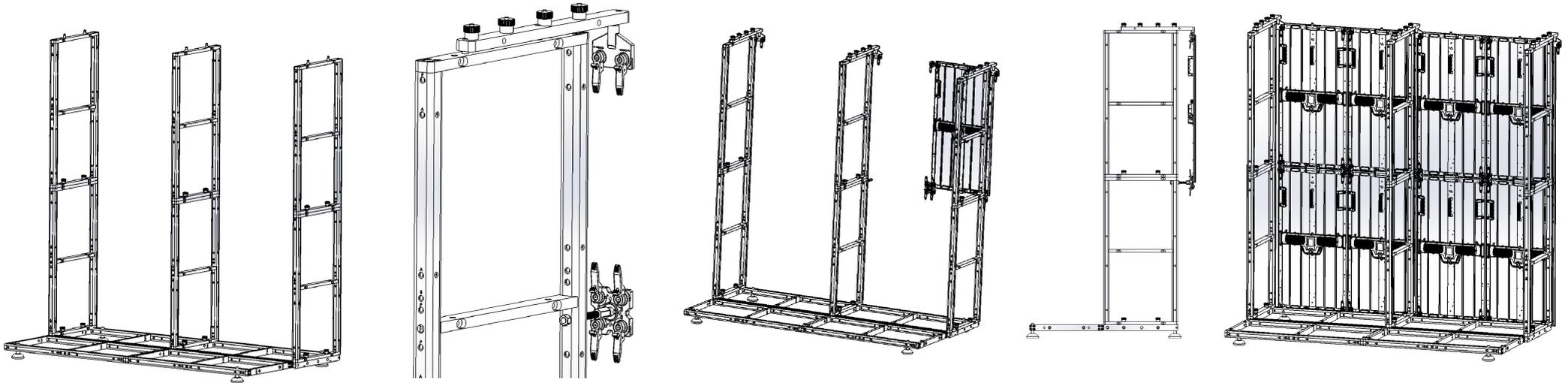
support frame (for stacking system)



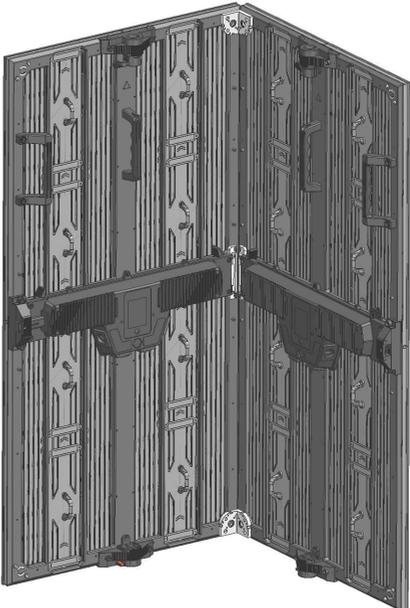
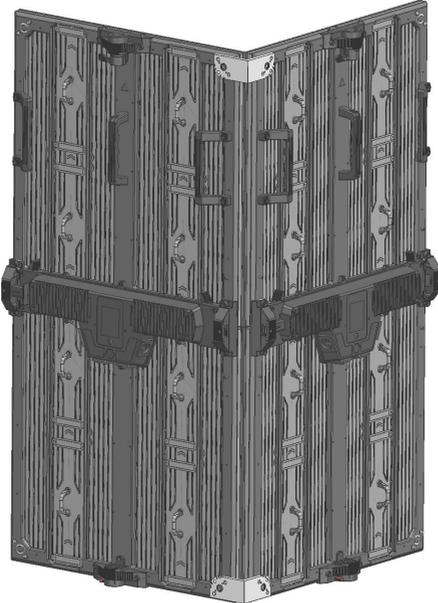
hanging bar (for stacking system)



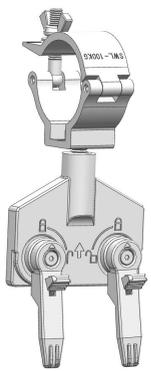
Support tube (for stacking system)



RIGHT-ANGLE INSTALLATION



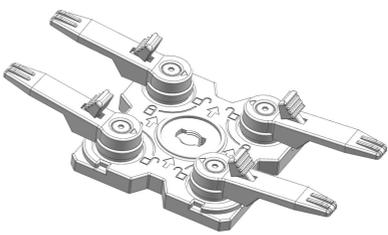
ACCESSORIES



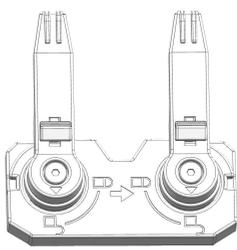
Hanging connection plate-2P



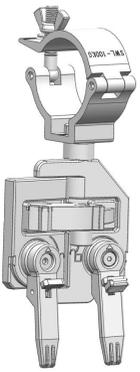
Half hanging connection plate-1P



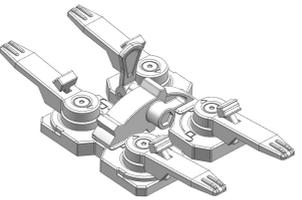
Connection plate-4P



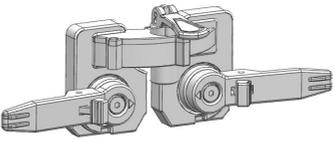
Half connection plate-2P



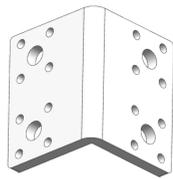
Curve hanging connection plate-2P



Curve connection plate-4P



Half curve connection plate-2P



270° connection plate-4P

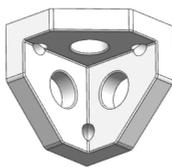
ACCESSORIES



90° connection plate-4P



90° connection plate-2P



Corner connection plate-3P



support tube(for stacking system)



Hanging bar (for stacking system)



Ground base foot cup



Jumper signal cable



Jumper power cable

ACCESSORIES



Main signal cable



Main power cable



Controller



Flight case

Item	RC-IL2.6
LED configuration	3in1 SMD RGB
Pixel Pitch	2.6mm
Pixel Density	147,456 / sqm
Cabinet Resolution (WxH)	192x384
LED Cabinet Size(WxHxD)	500x1000x63mm 19.69x39.37x 2.48in
Cabinet Diagonal	1118mm 44in
Cabinet Area	0.5sqm 5.38sqft
Module Resolution (WxH)	96x192
Module Size (WxH)	250x500mm 9.84x 19.69in
Modules/Cabinet (WxH)	2x2
Viewing Angle	140°H/110°V half brightness point
Max. Brightness Calibrated	1,000nits
Cabinet Material	Carbon Fiber
Cabinet Weight	7kg
Cabinet weight(per sqm)	14kg
Tensile strength	1969kgf
Line Voltage	90VAC ~ 264VAC,50/60Hz
Service Access	Front/ Rear
Curving	+ 10 or - 10°
Grey Scale- controller	18bit

Item	RC-IL2.6
Grey scale- driving IC	16bit
Refresh Rate	3840Hz
Power Consumption, Maximum (watts)	270w/cabinet 540W/sqm
Power Consumption, Typical (watts)	135w/cabinet 270W/sqm
Operating Temp/Humidity	-20°C ~ 45°C -4° to 113° F/ 10% ~ 80%RH
Storage Temp/Humidity	-40°C ~ 60°C -40° to 140° F/ 10% ~ 90%RH (non condensing)
Color temperature Adjustable(k)	3000-9000
Video Inputs	DVI, HDMI, HD-SDI, DP
Video Input Resolution Maximum	4096x2160 @ 120Hz
Environmental	Indoor
Acoustic Noise	Fanless Operation
Compliance	CE/EMC/LVD
Installation	Hanging, stacking
Max. Hanging(Panels)	15 panels with safety factor 11(indoor)
Max. Stacking(Panels)	15 panels with safety factor 11(indoor)

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THANK YOU