

# REDOT

PROFESSIONAL CARBON

**RC-M6.9**  
Ultralight Carbon LED

RC-M6.9



LIGHTER

6.92kg

500x1000mm outdoor

Rediet  
Carbon

# BENEFITS OF CARBON FIBER PANELS



LIGHTER



THINNER



TOUGHER



FASTER

	WEIGHT
Average weight of 500*1000mm outdoor mesh panel in the market	12KG
RC-M6.9 500*1000mm mesh panel	6.92kg

# RC-M6.9

## ULTRALIGHT CARBON FIBER LED DISPLAY



LIGHTER

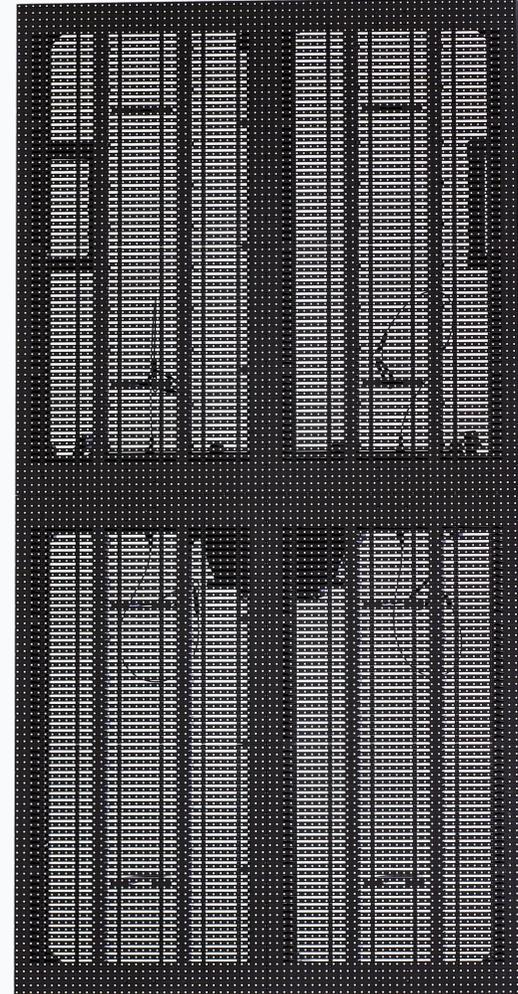
- Weight  $\leq 6.92\text{kg/panel}$



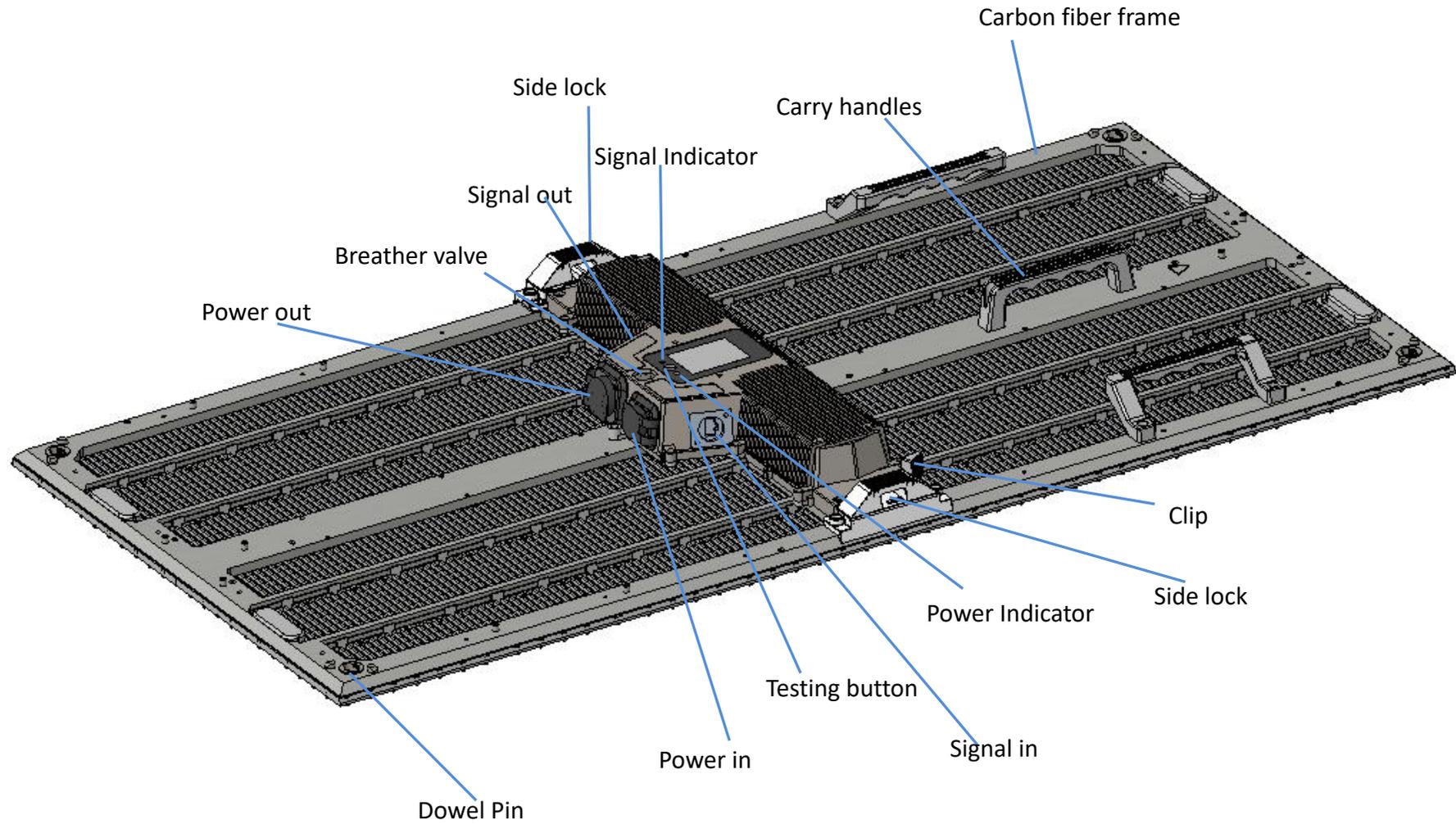
THINNER

- Super slim- 63mm depth

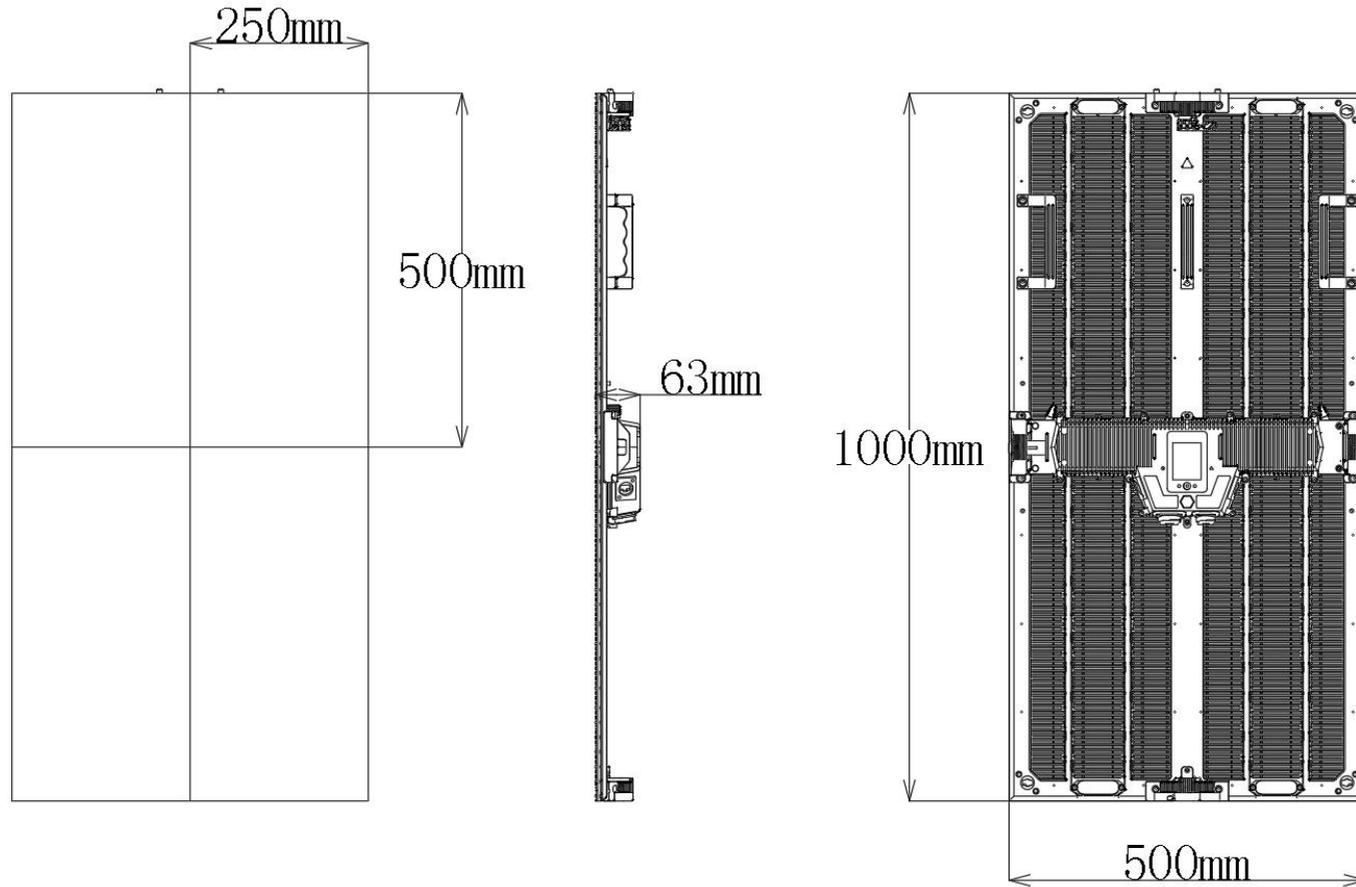
Full Carbon Frame	Modular Design	Curveable
90° Corner	Front & Rear Maintenance	Full Touring Frame



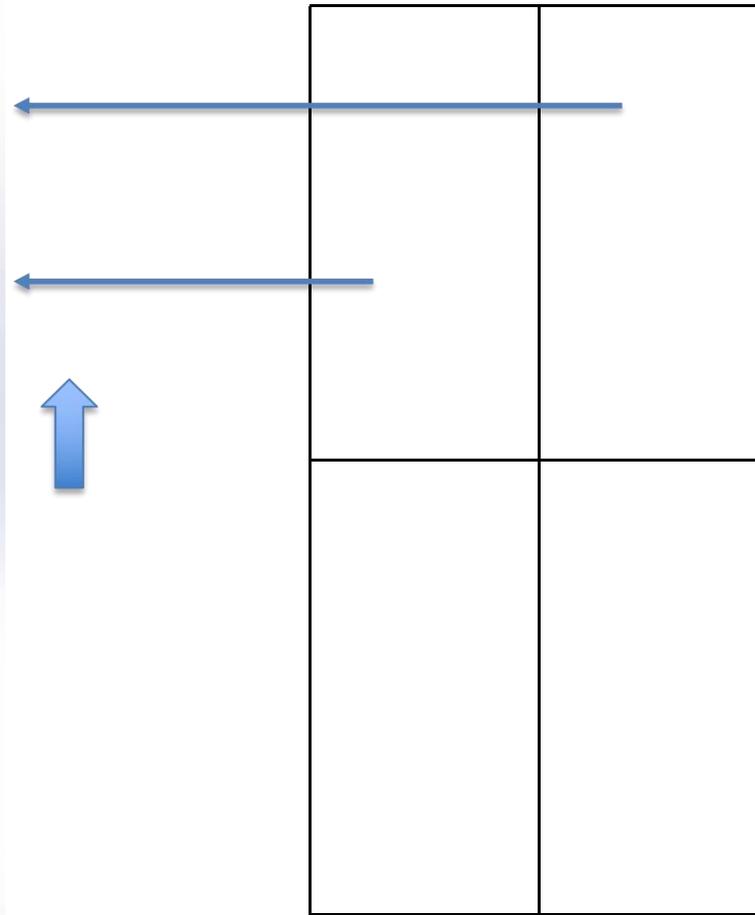
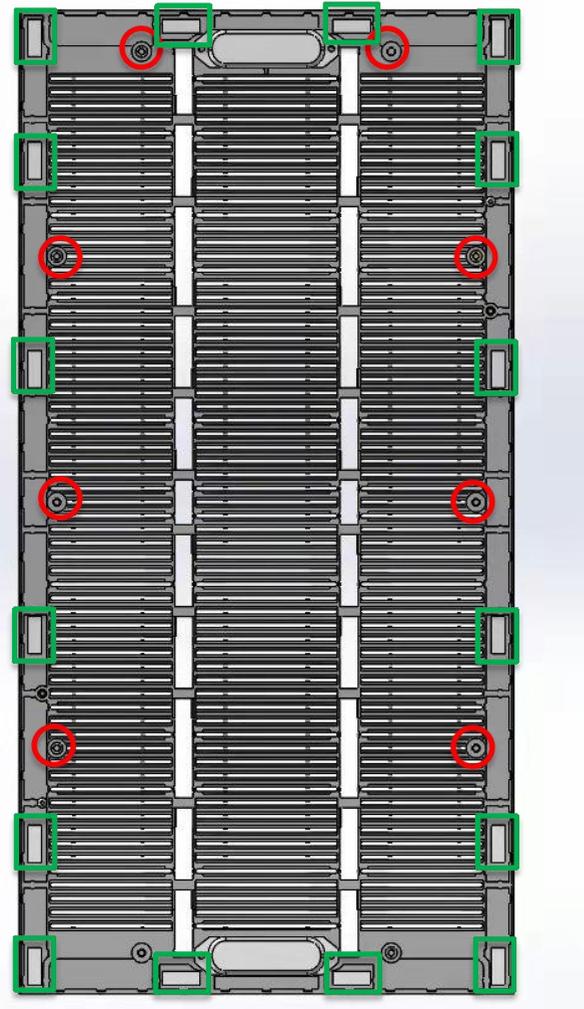
# OVERVIEW



# MEASUREMENTS



# REAR MAINTENANCE

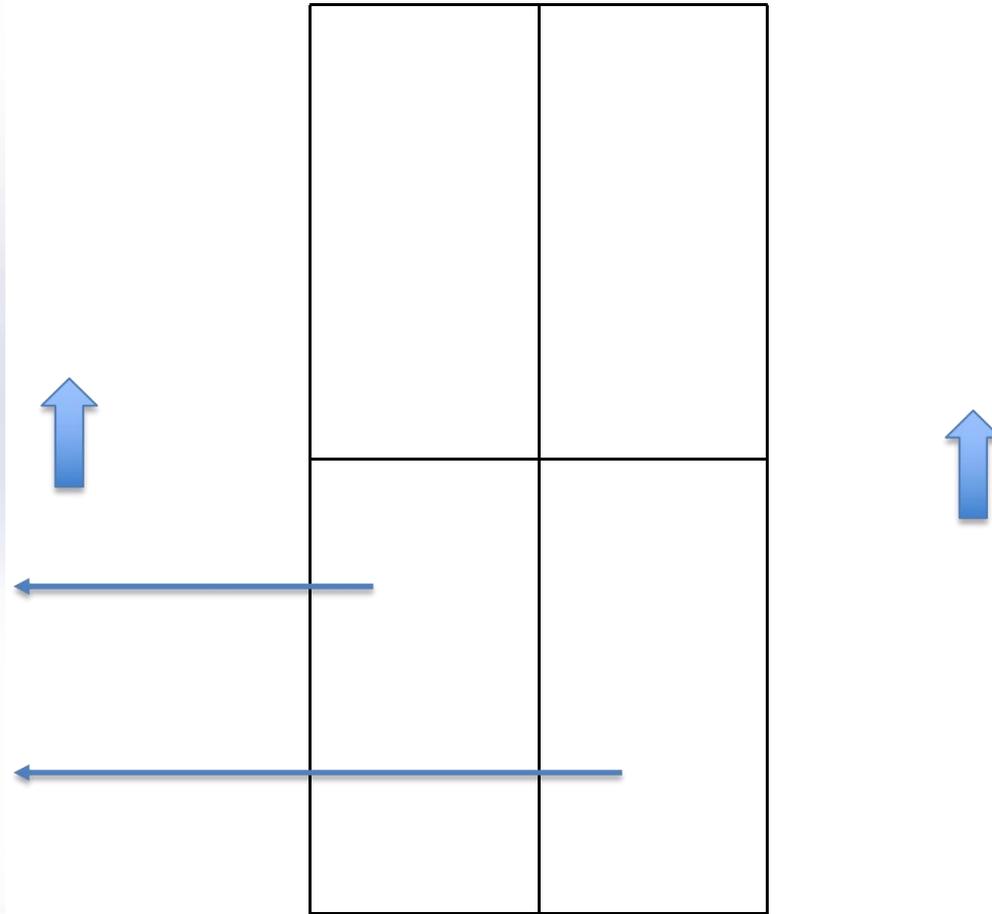
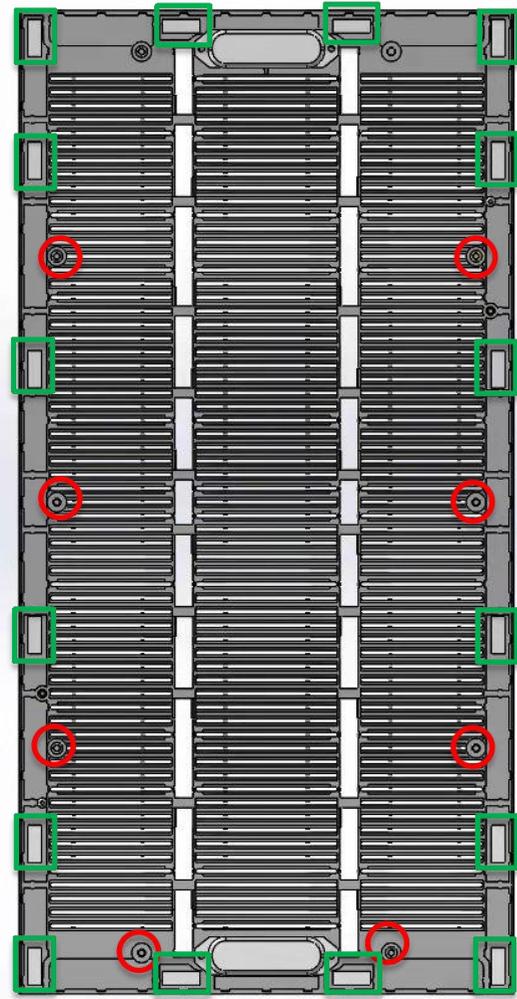


Magnet: 16pcs



Screw (screws to take out the module): 8pcs

# REAR MAINTENANCE

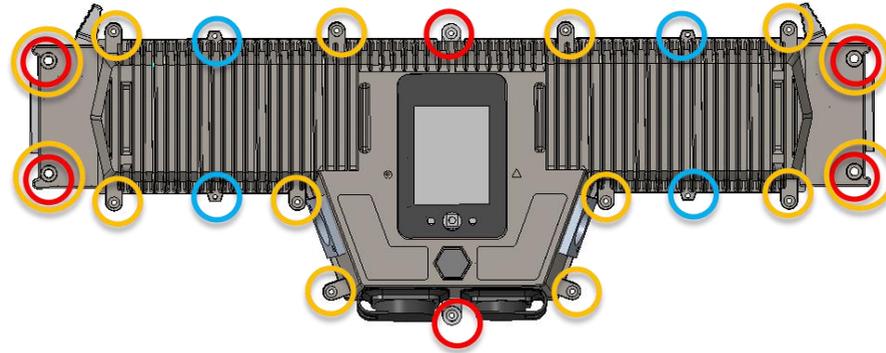


 Magnet: 16pcs



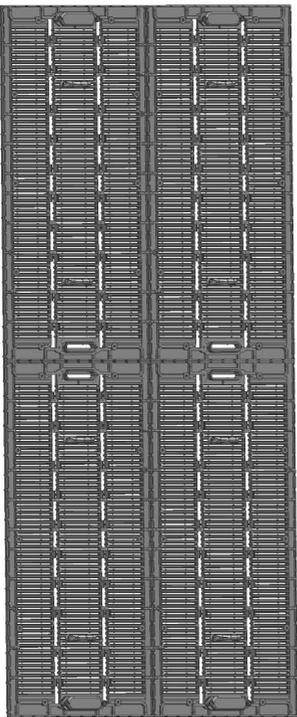
 Screw (screws to take out the module): 8pcs

# POWER BOX REAR MAINTENANCE

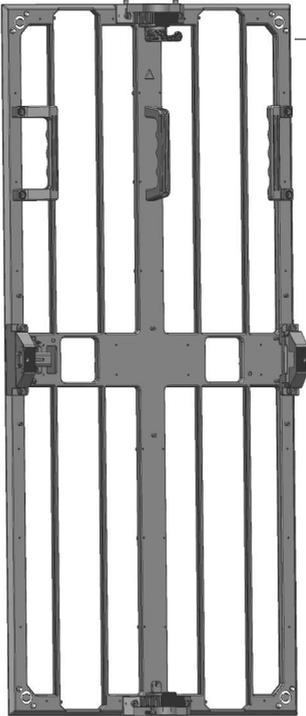


- Screw (screws to take out the cover of power box): 14pcs
- Screw (screws to take out the complete power box): 6pcs
- Attachment of module safety: 4pcs

# MODULAR DESIGN



LED Module



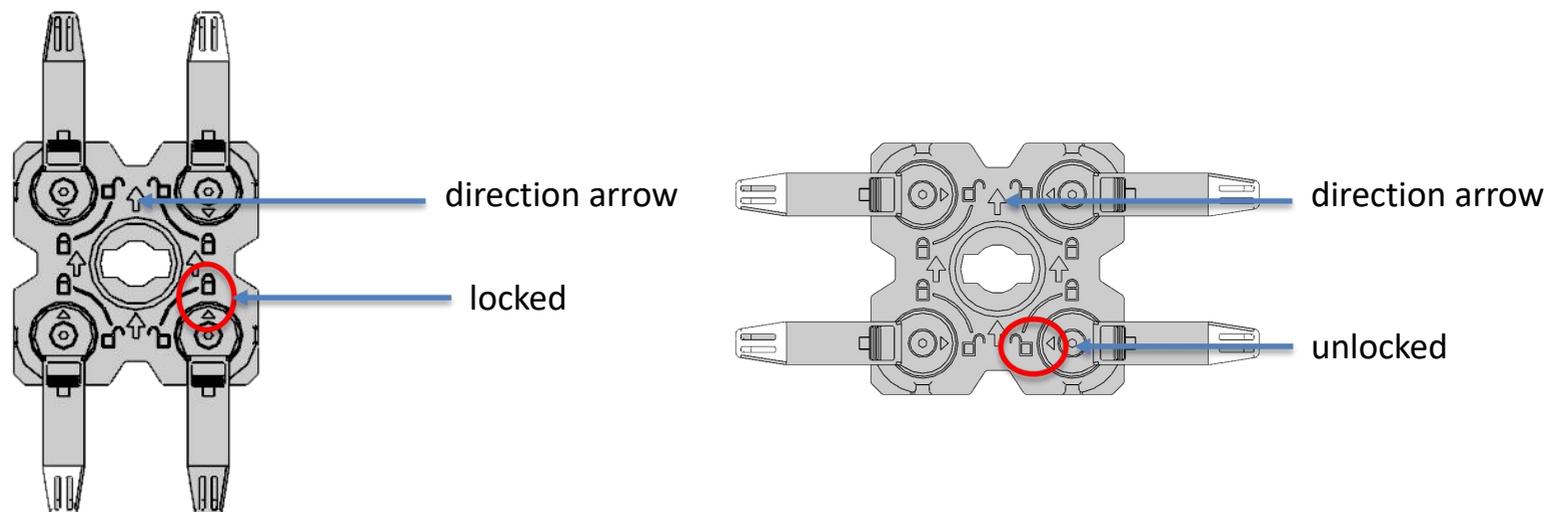
Carbon Fiber Frame



Power Box



# LOCKING SYSTEM- CONNECTION PLATE

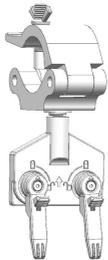


Push down the button and rotate the lever to open and close the lock

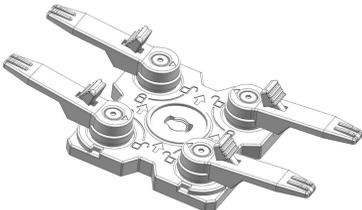
# STRAIGHT INSTALLATION



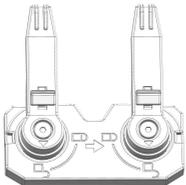
Half hanging connection plate



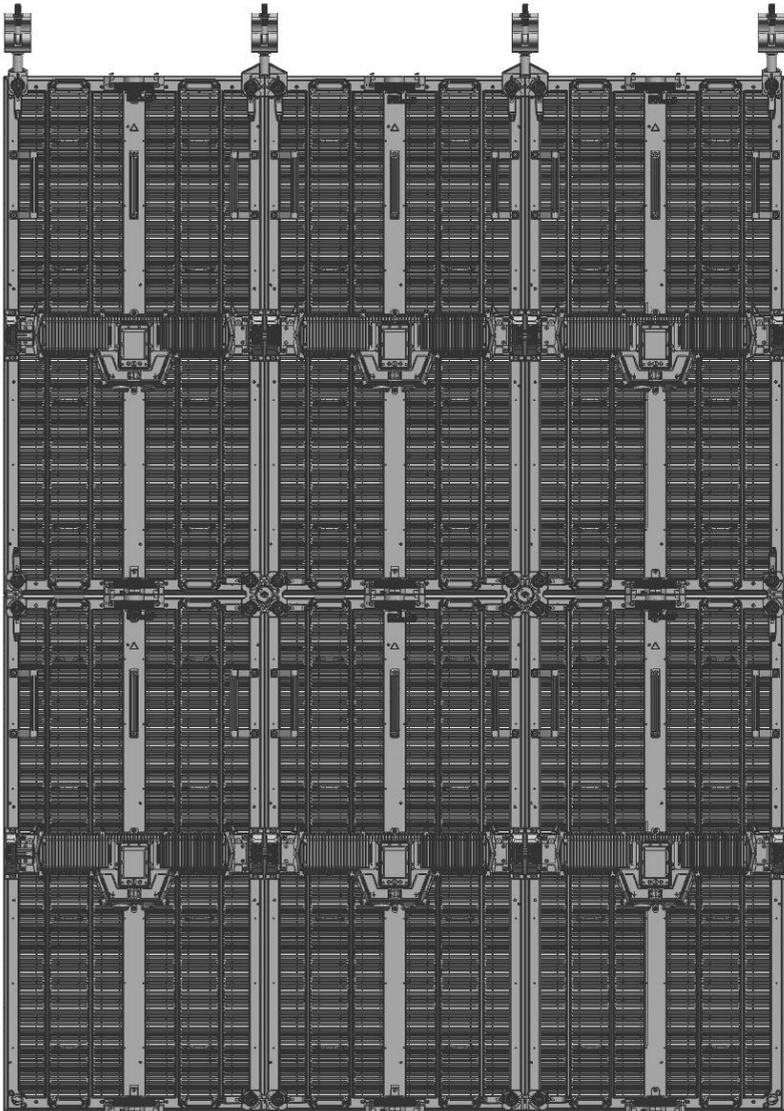
Hanging connection plate



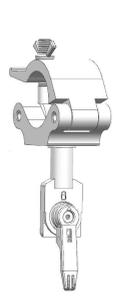
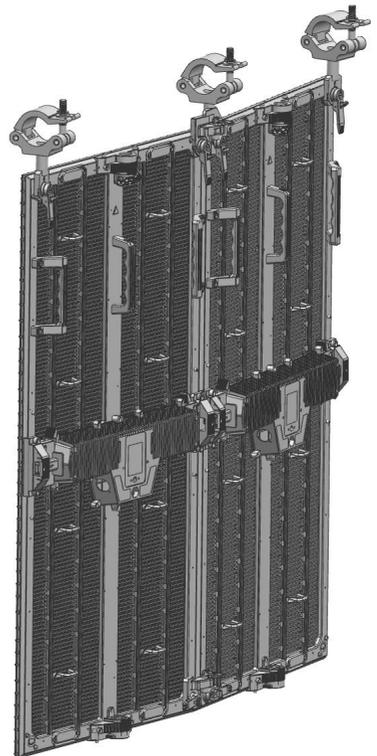
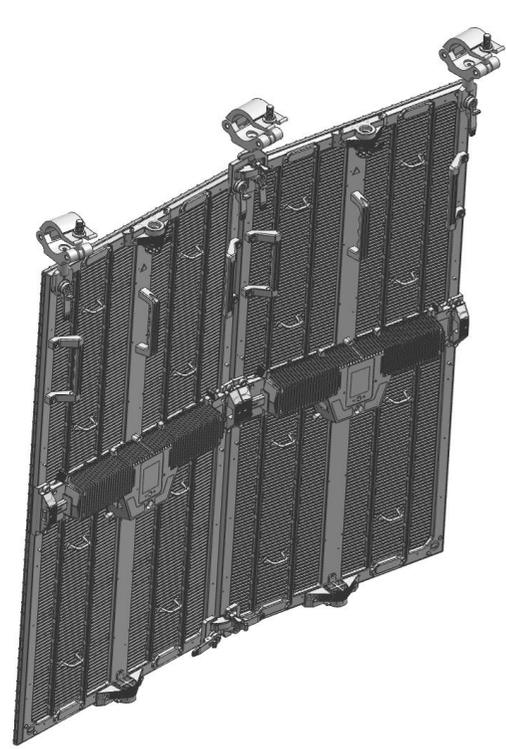
Connection plate



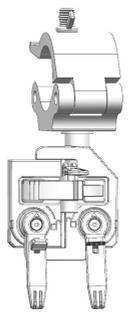
Half connection plate



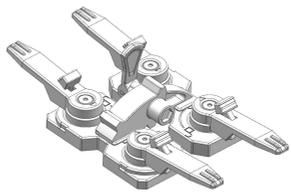
# CURVED INSTALLATION



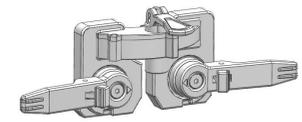
Half hanging connection plate



Hanging curve connection plate



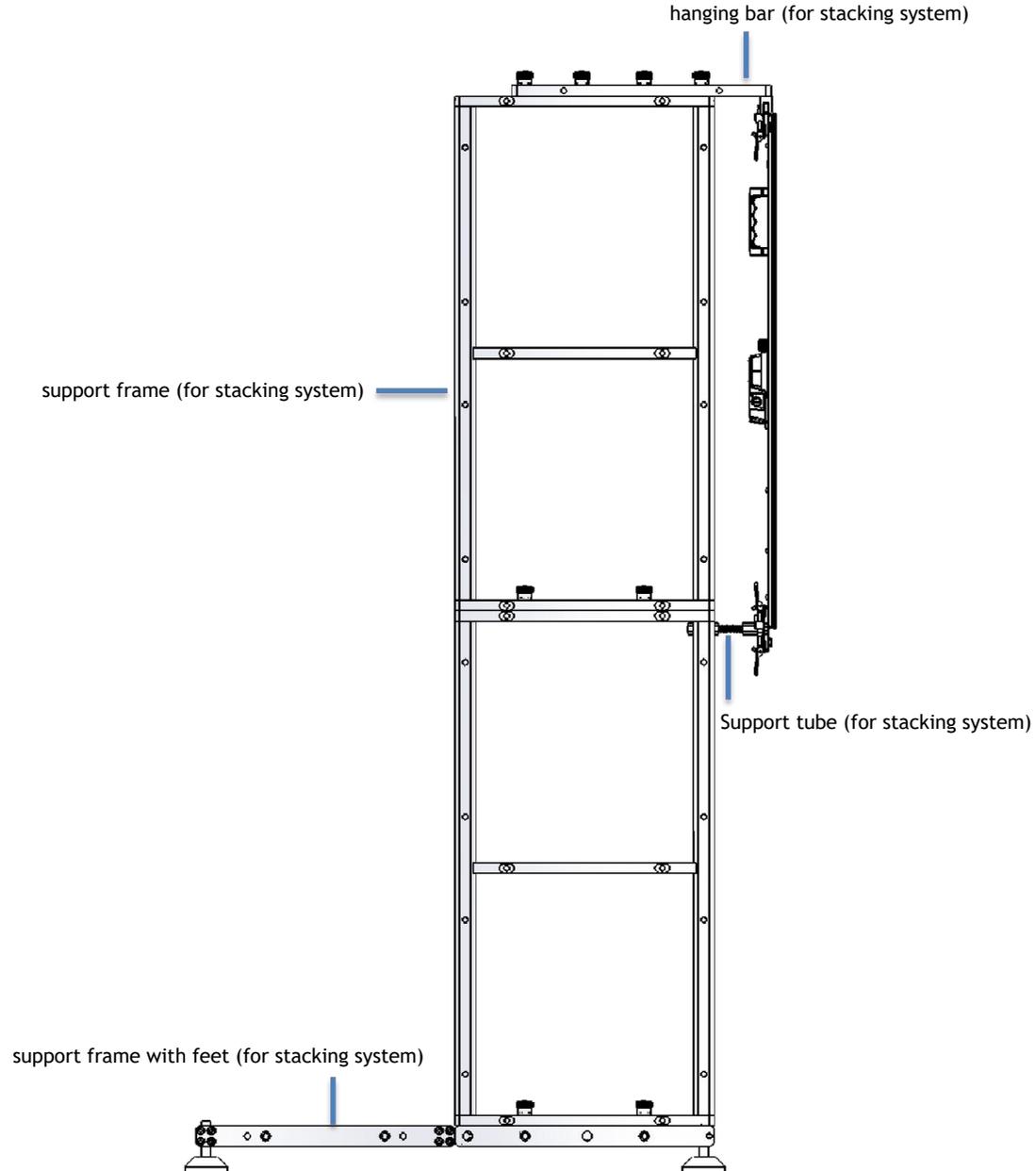
Curving connection plate



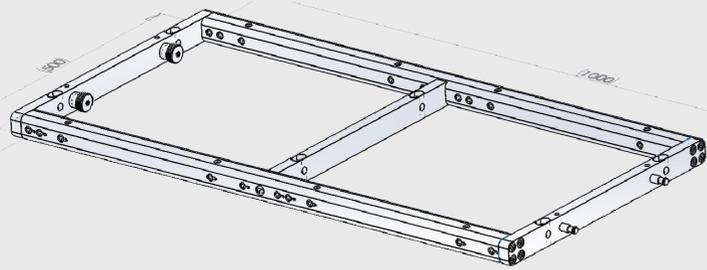
Half curving connection plate



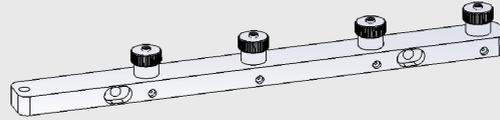
# STACKING INSTALLATION



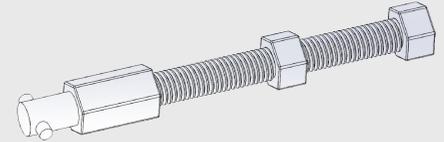
# STACKING INSTALLATION



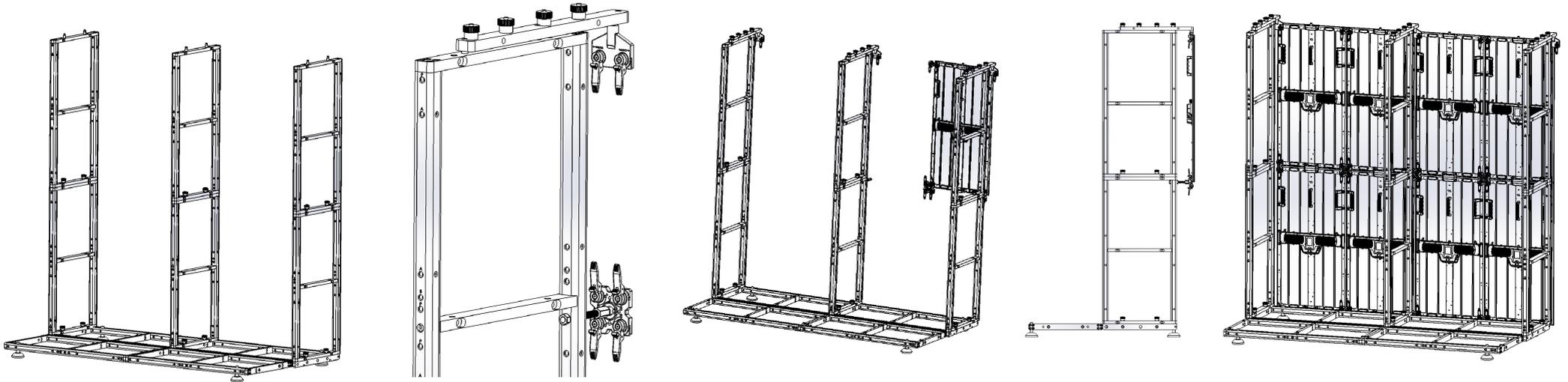
support frame (for stacking system)



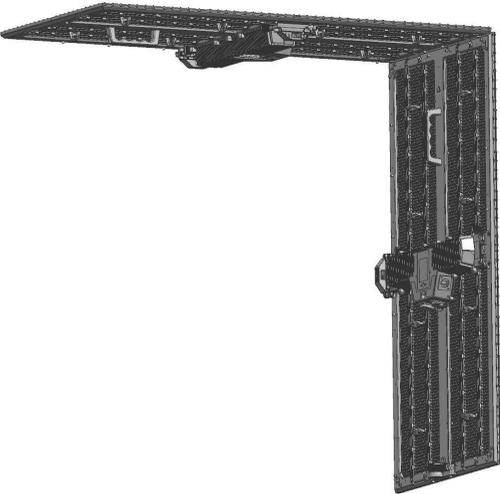
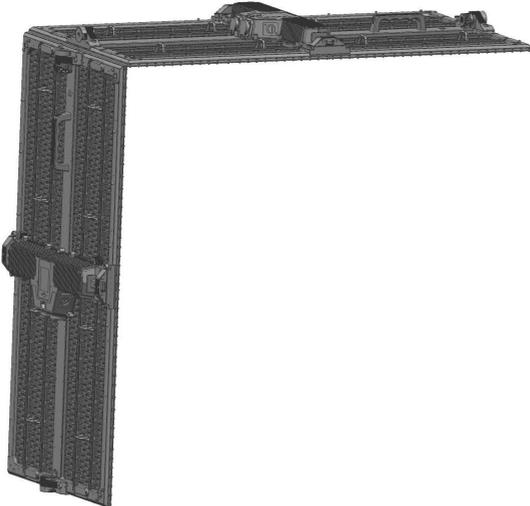
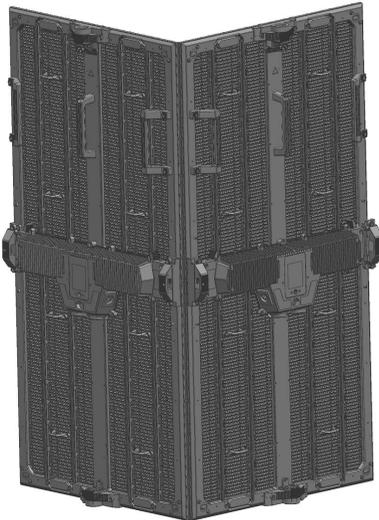
hanging bar (for stacking system)



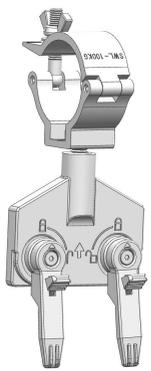
Support tube (for stacking system)



# RIGHT-ANGLE INSTALLATION



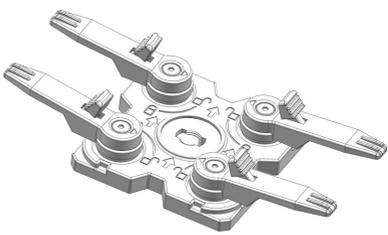
# ACCESSORIES



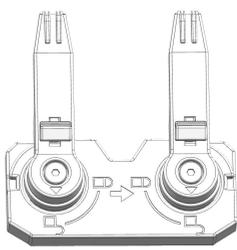
Hanging connection plate-2P



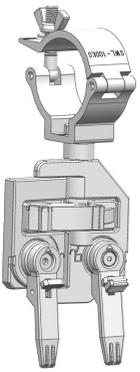
Half hanging connection plate-1P



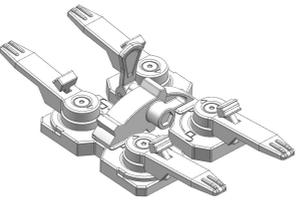
Connection plate-4P



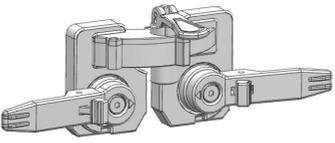
Half connection plate-2P



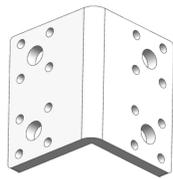
Curve hanging connection plate-2P



Curve connection plate-4P



Half curve connection plate-2P



270° connection plate-4P

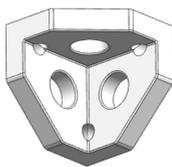
# ACCESSORIES



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 v v	RM-6.9
<b>LED configuration</b>	3in1 SMD RGB
<b>Pixel Pitch</b>	6.94mm
<b>Pixel Density</b>	20,736 / sq m   1,926 / sq ft
<b>Cabinet Resolution</b>	72x144
<b>LED Cabinet Size(WxHxD)</b>	500x1000x63mm   19.69x39.37x 2.48in
<b>Cabinet Diagonal</b>	1118mm   44in
<b>Cabinet Area</b>	0.5sqm   5.38sqft
<b>Module Resolution</b>	36x72
<b>Module Size</b>	250x500mm   9.84x 19.69in
<b>Modules/Cabinet (WxH)</b>	2x2
<b>Viewing Angle</b>	140°H/110°V half brightness point
<b>Max. Brightness Calibrated</b>	5,000nits
<b>Cabinet Material</b>	Carbon Fiber
<b>Cabinet Weight</b>	≤6.92kg
<b>Cabinet weight(per sqm)</b>	≤13.84kg
<b>Tensile strength</b>	1969kgf
<b>Line Voltage</b>	90VAC ~ 264VAC,50/60Hz
<b>Service Access</b>	Front/ Rear
<b>Transparency</b>	19%
<b>Curving</b>	+ 10 or – 10°
<b>IP Rate(Front&amp;Rear)</b>	IP65
<b>Grey Scale- controller</b>	18bit

Item	RM-6.9
Grey scale- driving IC	16bit
Refresh Rate	3840Hz
Power Consumption, Maximum (watts)	301w/cabinet   602W/sqm
Power Consumption, Typical (watts)	150.5w/cabinet   301W/sqm
Operating Temp/Humidity	-20°C ~ 45°C   -4° to 113° F/ 10% ~ 100%RH
Storage Temp/Humidity	-40°C ~ 60°C   -40° to 140° F/ 10% ~ 70%RH (non condensing)
Color temperature Adjustable(k)	3000-9000
Video Inputs	DVI, HDMI, HD-SDI, DP
Video Input Resolution Maximum	4096x2160 @ 120Hz
Environmental	Indoor, Outdoor
Power supply	Dual( limited redundancy) Hwawan HWT-354V3F-SP
Acoustic Noise	Fanless Operation
Compliance	CE/EMC/LVD
Installation	Hanging, standing
Max. Hanging(Panels)	15 panels with safety factor 11(indoor)
Max. Stacking(Panels)	15 panels with safety factor 11(indoor)
Processing Platform	Colorlight

**REDOT**  
**PROFESSIONAL CARBON**

THANK YOU