

REDOT
PROFESSIONAL CARBON

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RC-oL3.9 & RC Touring System




Lightweight


Robust

Full Carbon Frame

Modular Design

Common Cathode

Full Touring System

Collapsible Wind Bracing

Allowable Wind Speed +20m/sec

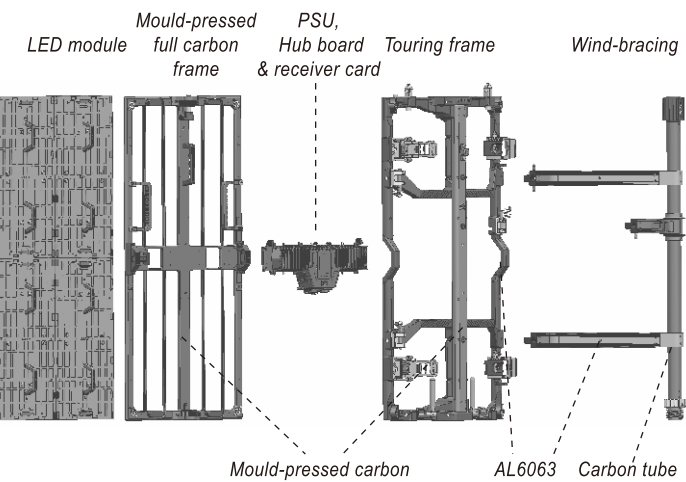
Hanging & Stacking

Climbing Access

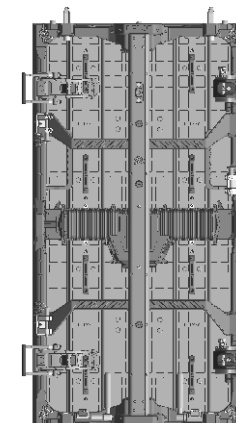
Curving Capability $\pm 10^\circ$

Front & Rear Maintenance

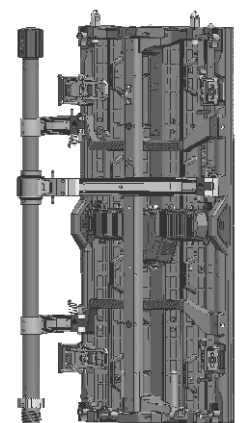
Modular Design



All-in-one & independent solution of panel, touring frame and wind-bracing, plus extreme strong touring frame using mould-pressed carbon backbone.

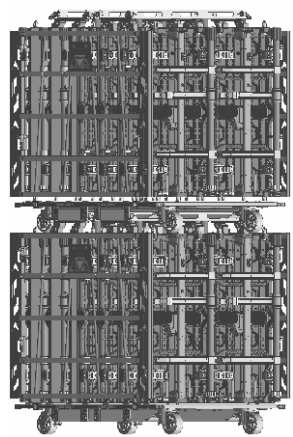
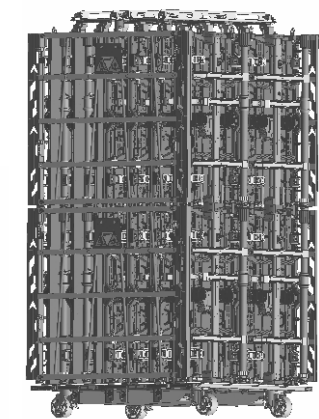
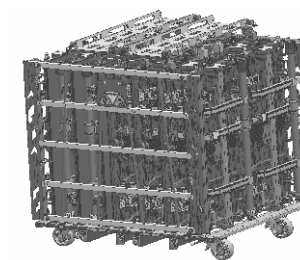


With touring frame



With touring frame & wind-bracing

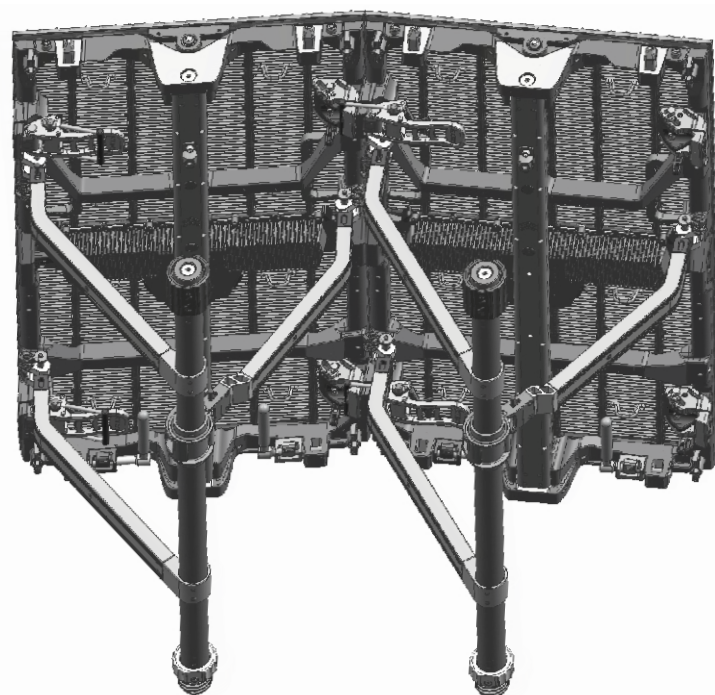
Hanging or stacking with Wind-Bracing



Dolly with 14/28 Panels
Incl. Touring Frame & Wind-Bracing

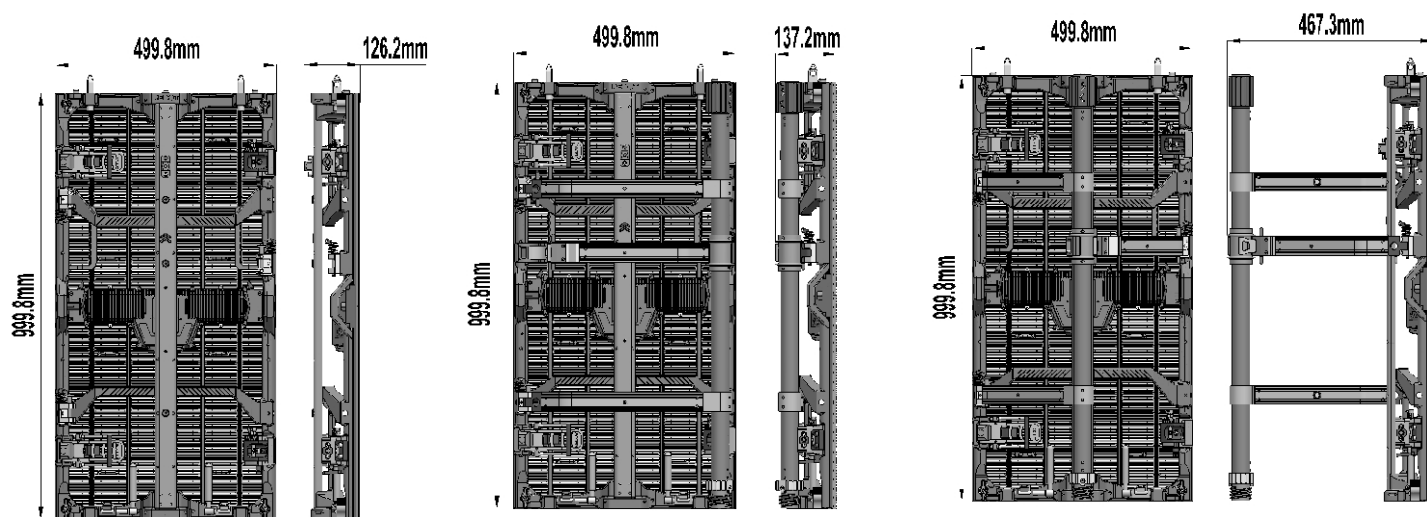
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RC-M6.9 Touring System



- Full Carbon Frame
- Modular Design
- Common Cathode
- Full Touring System
- Collapsible Wind Bracing
- Allowable Wind Speed +20m/sec
- Hanging & Stacking
- Climbing Access
- Curving Capability $\pm 10^\circ$
- Front & Rear Maintenance

Measurement

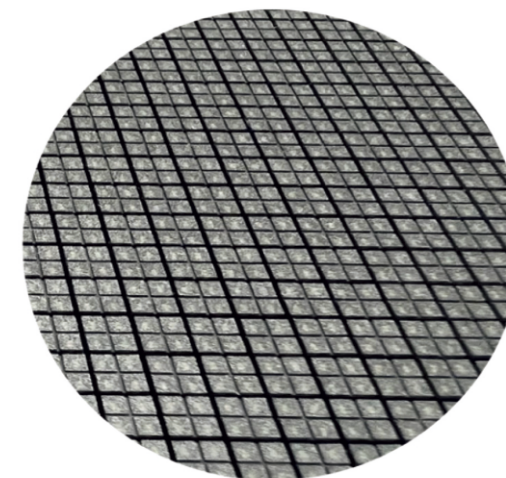


RC-i1.5

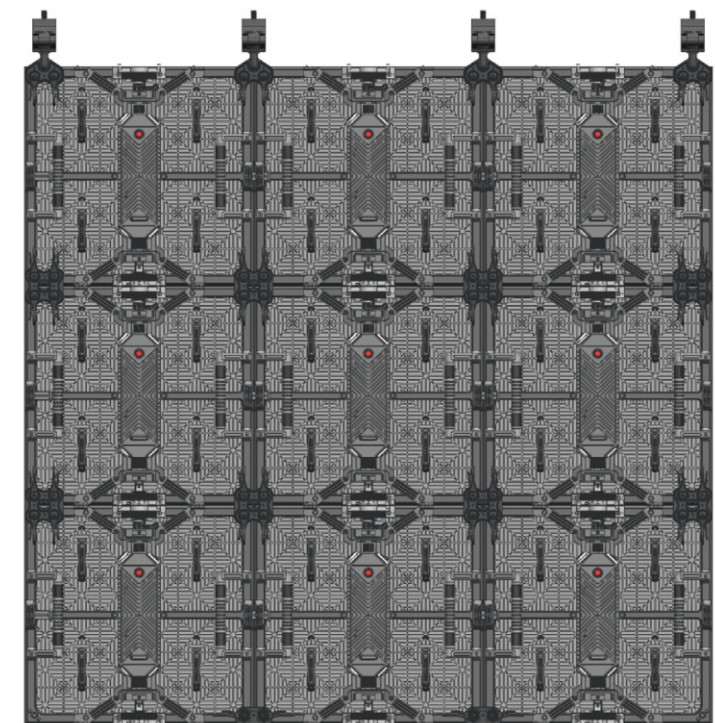


- Full Carbon Frame
- Common Cathode
- IMD LED Package
- Modular Design
- Magnesium Alloy Module Shell
- High brightness

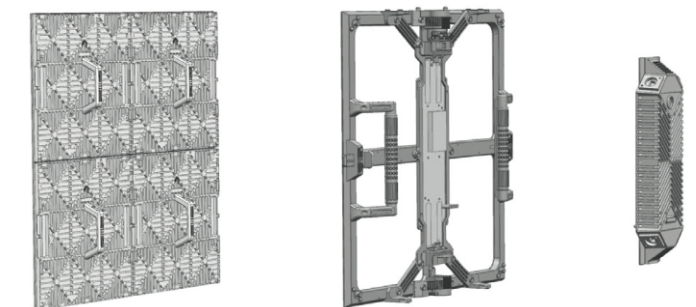
IMD LED Package



Hanging Installation



Modular Design



Curve Installation



Specifications

Product Name	RC-i1.5 <small>(under development)</small>	RC-oL3.9	RC-M6.9
Pixel Pitch	1.56 mm	3.91 mm	6.94 mm
LED Configuration	4 in1 common cathode	3 in1 SMD RGB common cathode	3 in1 SMD RGB
Cabinet Resolution	320x320	128x256	72x144
Cabinet Material	Carbon Fiber	Carbon Fiber	Carbon Fiber
LED Cabinet Size (Wxhxd)	500x500x73 mm	500x1000x63.3 mm	500x1000x63 mm
Viewing Angle	140°H/140° V	140°H/110° V	140°H/110° V
Brightness Calibrated	1200 nits	5500 nits	≥ 5,000 nits
Scan Ratio	1/16	1/8	1/6
Cabinet Weight	4.95 kg	9kg	6.92 kg
Panel Weight Incl. Touring Frame	N/A1	17.6 kg	15.52 kg
Panel Weight Incl. Touring Frame & Wind-bracing	N/A2	20.3 kg	18.22 kg
Cabinet Weight (Per SQM)	19.6 kg	18 kg	13.84 kg
Tensile Strength	1500 kgf	1969 kgf	1969 kgf
Service Access	Front/Rear	Front/ Rear	Front/ Rear
Curving (Panels)	Convex 5° ~c oncave 5°	Convex 10° ~c oncave 10°	Convex 10° ~c oncave 10°
IP Rate (Front & Rear)	tbc	IP65	IP65
Line Voltage	90VAC~264VAC, 50/60Hz	90VAC~264VAC, 50/60Hz	90VAC~264VAC, 50/60Hz
Grey Scale - Controller	18 bit	18 bit	18 bit
Grey Scale - Driving IC	16 bit	16 bit	16 bit
Refresh Rate	7680 Hz	7680 Hz	3840 Hz
Power Consumption, Maximum (Watts)	126 w/cabinet 504W/sqm	285 w/cabinet 570W/sqm	301 w/cabinet 602W/sqm
Power Consumption, Typical (Watts)	63 w/cabinet 252W/sqm	142.5 w/cabinet 285W/sqm	150.5 w/cabinet 301W/sqm
Operating Temp/Humidity	-20°C~45°C -4° to 113° F 10%~100%RH	-20°C~45°C -4° to 113° F 10%~100%RH	-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)	-40°C~60°C -40° to 140° F 10%~70%RH (non condensing)	-40°C~60°C -40° to 140° F 10%~70%RH (non condensing)
Compliance	CE/EMC/LVD	CE/EMC/LVD	CE/EMC/LVD
Max. Hanging (Panels)	tbc 27 panels with safety factor 11 (indoor)	15 panels with safety factor 11 (indoor))	15 panels with safety factor 11 (indoor)
Max. Stacking (Panels)	tbc 27 panels with safety factor 11 (indoor)	15 panels with safety factor 11 (indoor)	15 panels with safety factor 11 (indoor)
Processing Platform	Colorlight	Colorlight	Colorlight



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Contact in Europe



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