

LUMA SERIES

OUTDOOR & INDOOR RENTAL DISPLAY

Cabinet 500 × 500 / 500 × 1000 mm · Pixel Pitch P3.9 · Front & Rear Maintenance · Fast Curve-Lock

IP65

ALL-WEATHER
HDR-ready

7.5 kg
PER CABINET

85 mm
CABINET DEPTH

≥4,500 cd/m²
BRIGHTNESS

16 bit
HDR GRAYSCALE

7,680 Hz
MAX REFRESH

IP65
IP RATING



LUMA-SERIES CABINET · REAR & FRONT

KEY FEATURES



Ultra-Lightweight Design

Each 500×500 cabinet weighs about 7.5 kg — fast single-person install, transport and touring.



Fast Curve-Lock Assembly

Curved locks, corner protectors and a one-button spin switch for rapid, seamless flat or curved builds.



IP65 All-Weather

Built for rain, humidity, salt-fog and temperature extremes — indoors or out.



Full Front & Rear Maintenance

Modules, power supplies and data are all serviceable from either side.



HDR Premium Visual

16-bit grayscale, >7,680 Hz refresh and high brightness for flicker-free, on-camera HDR imaging.

APPLICATIONS

Concerts & Touring

Stage & Events

Broadcast & Film

Outdoor Advertising

Corporate Events

Houses of Worship

Sports Venues

Curved & Creative

SPECIFICATIONS

Parameter	LUMA-P3.9
Pixel Pitch	3.91 mm
Pixel Density	65,536 dots/m ²
LED Lamp	SMD1921 White
Brightness	≥ 4,500 cd/m ² (5,000 / 6,000 optional)
Color Temperature	9,000 – 10,000 K
Gray Scale	12 – 16 bit (HDR)
Refresh Rate	3,840 – 7,680 Hz
Scan	1/16
Horizontal Viewing Angle	≥ 140°
Vertical Viewing Angle	≥ 120°
Best Viewing Distance	6 m
Module Size (W×H)	250 × 250 mm
Module Resolution	64 × 64
Module Weight	0.6 kg
Cabinet Size (W×H×D)	500×500×85 / 500×1000×85 mm
Cabinet Resolution	128×128 / 128×256
Cabinet Weight	7.26 kg / 14 kg
Maintenance	Front & Rear
IP Rating	IP65
Input Voltage	100 – 260 V
Working Voltage	5 V
Max Power Consumption	800 W/m ²
Certification	CE · FCC · RoHS

CLIENT

ORDER #

PROJECT

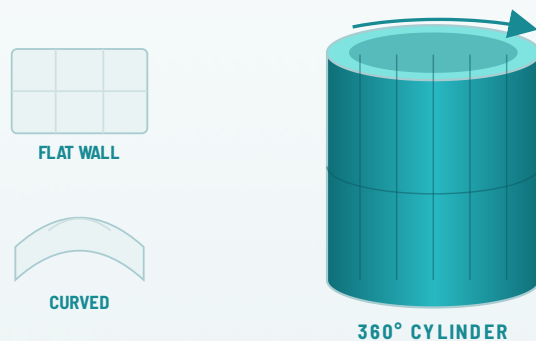
TYPE

MULTI-CONFIGURATION & CYLINDRICAL DISPLAY

Two cabinet sizes – **500 × 500** and **500 × 1000 mm** – combined with fast curve-locking let LUMA build almost any format, from flat walls and columns to arcs and full **360° cylinders**.

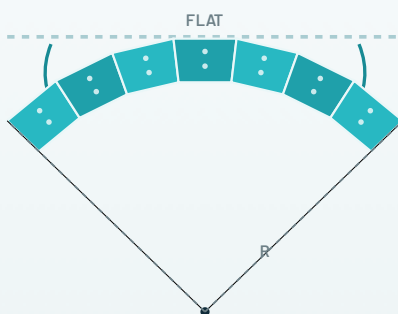
- Mix 500×500 and 500×1000 cabinets for tall, wide or custom aspect ratios.
- Curved locks form smooth concave and convex arcs – and seamless cylinders.
- One-button spin switch and corner protectors speed rig and de-rig on site.
- Perfect for round columns, tunnels, ceilings and free-form creative sets.

ONE SYSTEM – MANY SHAPES



FLEXIBLE MODULES

BENDS TO PRESET RADII



The 250 × 250 mm modules **flex to preset radii**, so cabinets bend into smooth curves without gaps – the foundation of every arced and cylindrical build.

- Modules conform to concave and convex curves for seamless, gap-free arcs.
- Pixel pitch stays consistent through the bend – no stretching or dead pixels.
- Lightweight 0.6 kg modules are front-removable for quick service.
- Mix flat and flexible modules within a single structure.

FULL FRONT & REAR MAINTENANCE

Every serviceable component – LED modules, power supplies and receiving / system cards – is reachable from **both the front and the rear** of the cabinet, so a wall can be maintained in place whatever the installation.

- Front access for wall-mounted and stacked screens with **zero rear clearance**.
- Rear access for hanging, truss and stage rigs.
- Magnetic, tool-free front modules for fast swaps and minimal downtime.
- Hot-swappable power and data keep the wall live during service.

SERVICEABLE FROM BOTH SIDES

