

LOGIC

Ebony Series



Long
lifetime



Fanless
Design



Moisture-Proof



Better Heat
Dissipation



Excellent
Flatness



Dust-Proof



Anti-blue light



User Safety



Low Failure
Rate

Product Brochure

HIGH CONTRAST RATIO 100000:1

Experience the Ultimate Visual Clarity.



HIGH BRIGHTNESS UPTO 1000 NITS

LOGIC LED videowalls boast a high brightness feature that ensures exceptional visibility, even in the most challenging lighting conditions. these displays deliver crystal-clear images and vibrant colors that stand out in any setting.



Ebony Series Higher Brightness

Other's Product

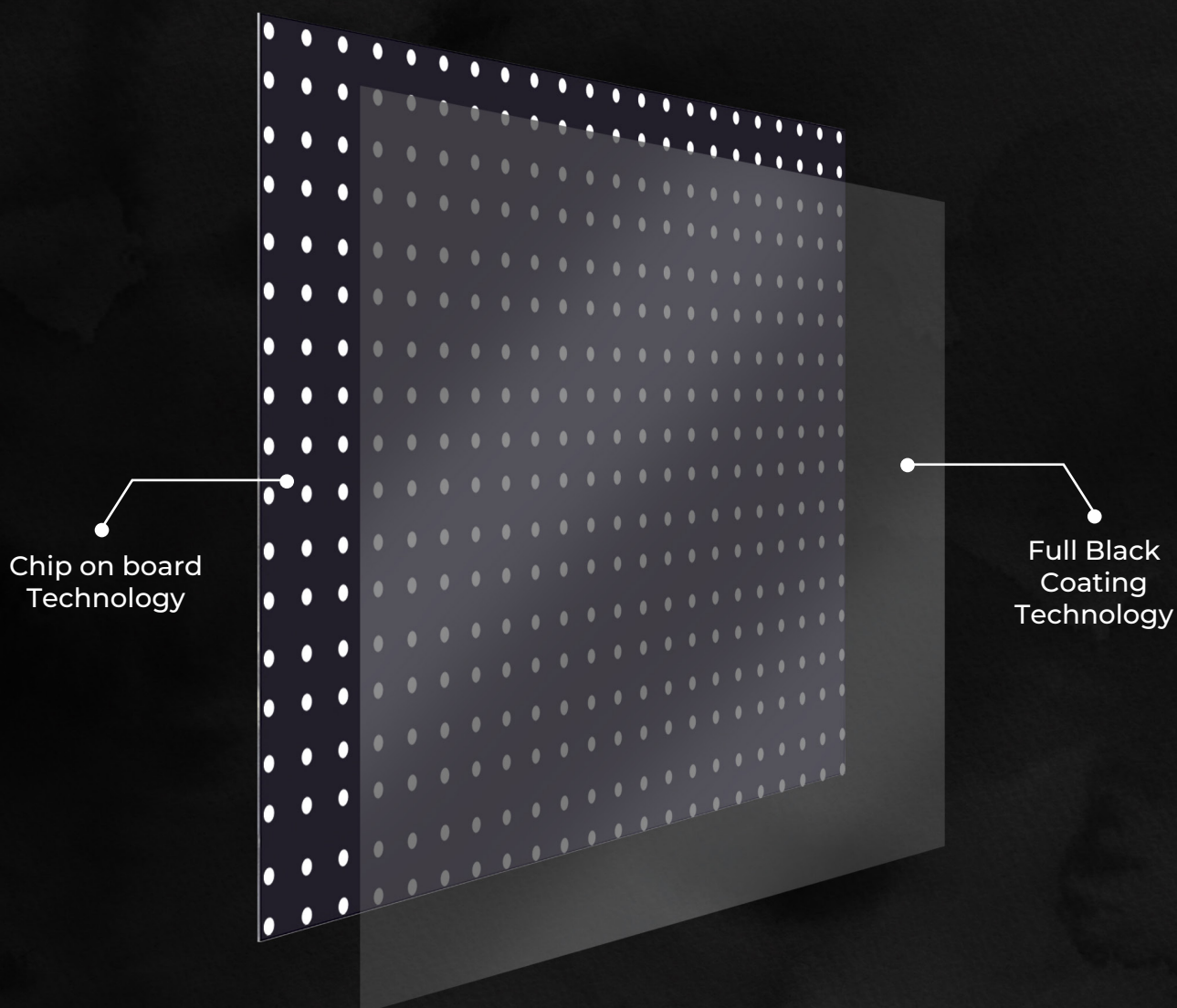
SLEEK AND LIGHT WEIGHT

The slim design ensures a modern, sleek appearance, making the videowall a stylish addition to any space, from corporate boardrooms to retail environments.



FULL BLACK COATING

Full black coating technology brings excellent native black uniformity, improving visual performance.



Other's Product

Ebony Series

EXCELLENT HEAT DISSIPATION THROUGH
ADVANCED THERMAL MANAGEMENT.



LOGIC

WIDE VIEWING ANGLE

This advanced technology ensures that the visual experience remains consistently brilliant and vibrant, no matter where the viewer is positioned in the room.



LOGIC

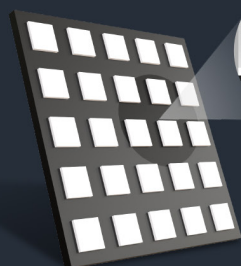
IP65/ IP43

These COB Cabinets features an IP65 rating on the front and an IP43 rating on the back. It is designed with multiple layers of coated film to safeguard the LED chips from water droplets, dust, static electricity, and physical impacts.

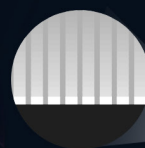
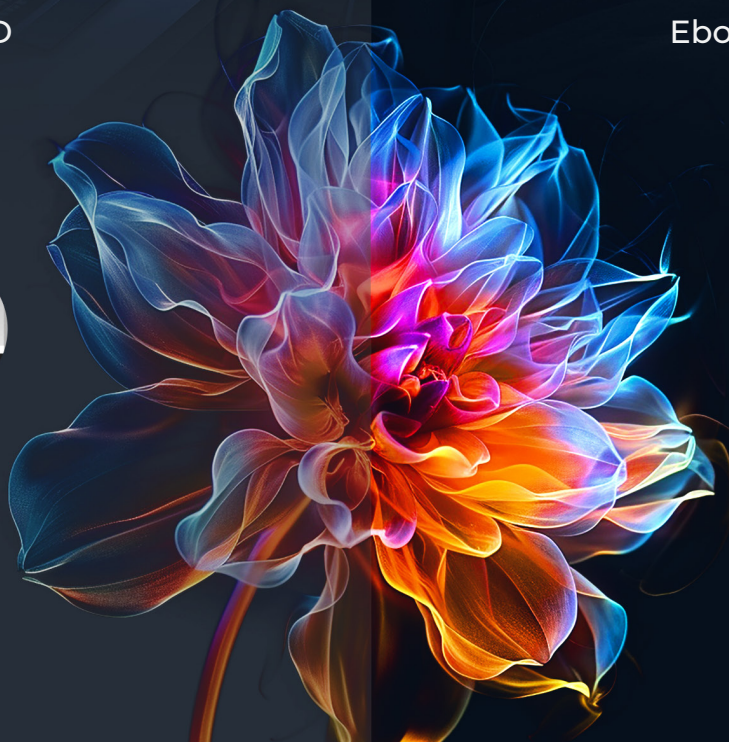


SMD

Ebony Series



SMD



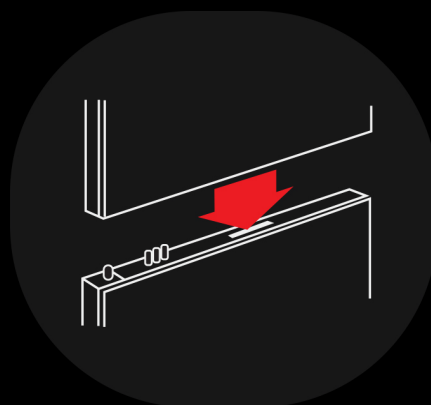
Micro LED

CABLE LESS CONNECTIVITY

A cable less design can simplify installation and enhance the aesthetic appeal of your product. There is no cable is required to connect between modules and cabinets



Block Assembly Design



DUST PROOF



LOGIC

Studio

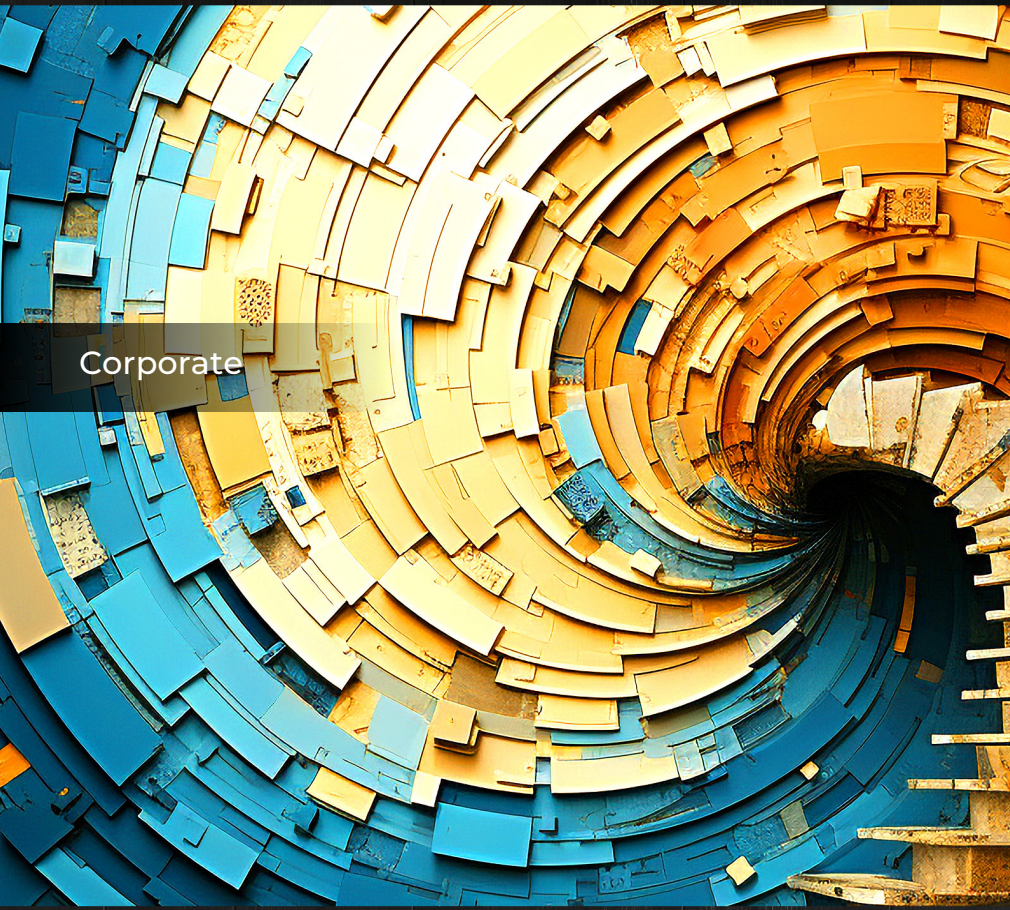


Retail



LOGIC

Corporate



Residential



PRODUCT SPECIFICATION

MODEL NAME	LX-I09DE	LX-I12DE	LX-I15DE	LX-I18DE
Application	Indoor	Indoor	Indoor	Indoor
Pixel Pitch (in mm)	0.9mm	1.2mm	1.5mm	1.8mm
LED Type	COB	COB	COB	COB
LED Lifetime (In Hours)	≥100,000	≥100,000	≥100,000	≥100,000
Brightness (cd/m2)	1000 nits	1000 nits	1000 nits	1000 nits
Contrast Ratio	100000:1	100000:1	100000:1	100000:1
Frame Rate (Hz/sec)	60	60	60	60
Refresh Rate (Hz/sec)	3840	3840	3840	3840
Cabinet Material	Die-Casting Aluminum			
Cabinet Dimension W x H x D (in mm)	600 x 337.5 x 28	600 x 337.5 x 28	600 x 337.5 x 28	600 x 337.5 x 28
Module Dimension (in MM)	150x168.75	150x168.75	150x168.75	300x168.75
Physical Resolution	640x360	480x270	384x216	320x180
weight (Kg/Cabinet)	5	5	5	5
Service Access	FRONT	FRONT	FRONT	FRONT
Optimal Viewing Angle (H/V)	170°/170°	170°/170°	170°/170°	170°/170°
Storage Temperature	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C	-10°C ~ +50°C
Working Temperature	-10°C ~ +40°C	-10°C ~ +40°C	-10°C ~ +40°C	-10°C ~ +40°C
Relative Humidity	10%~90%, Non-condensing			
Storage Humidity	10%~90%, Non-condensing			
Voltage	AC : 110V~240V, 50~60Hz			
Power Consumption (Avg) (in W/m2)	100-200	100-200	100-200	100-200
Power Consumption (Max) (in W/m2)	400	400	400	400
Heat generation-Max (BTU/m2)	445 BTU/m ²	445 BTU/m ²	445 BTU/m ²	445 BTU/m ²
MTBF (in hours)	≥120,000	≥120,000	≥120,000	≥120,000
Protection Level	IP65	IP65	IP65	IP65
Grey Scale	16 BIT	16 BIT	16 BIT	16 BIT
Physical density	1137778 /m ²	640000 /m ²	409600 /m ²	284444 /m ²

** Images used are for illustration purposes only



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EMPOWERING DIGITAL TRANSFORMATION

About LOGIC:

LOGIC is a leading digital display brand renowned for its innovative solutions tailored to meet the dynamic needs of the Enterprise, Retail, and Education sectors. With a commitment to cutting-edge technology and user-centric design, LOGIC empowers businesses and institutions to engage, inform and inspire their audiences like never before.



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