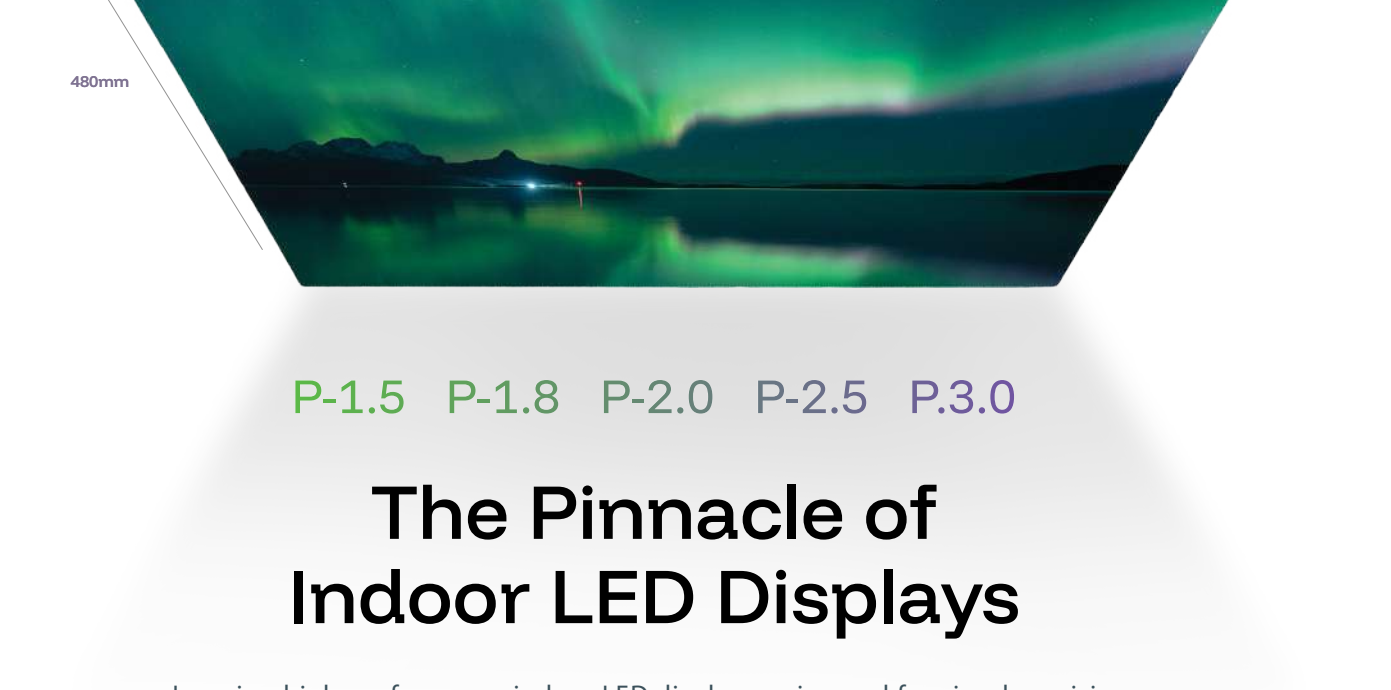


# LUXA

by

everglow



P-1.5 P-1.8 P-2.0 P-2.5 P-3.0

## The Pinnacle of Indoor LED Displays

Luxa is a high-performance indoor LED display engineered for visual precision, energy efficiency, and aesthetic versatility. Available in both wired and wireless configurations, Luxa seamlessly adapts to any space without compromising performance. With a next-gen hub card at its core, ultra-light 7kg cabinets, low 220W power consumption, and a stunning refresh rate of up to 7680Hz, it's built for seamless clarity. Add to that IP45 protection, 6° curve and 90° corner support, fan-less operation, and easy front maintenance—Luxa redefines how LED integrates into premium indoor environments.



### Experience The Indoor Brilliance

#### Hub Card

The intelligent core powering Luxa performance.

#### 7 Kg per Cabinet

Ultra-lightweight build for effortless handling.

#### 220W Power Consumption

Efficient energy usage without compromise.

#### Upto 1200 nits

Optimized clarity for vibrant indoor visuals.

#### IP45

Reliable dust and water resistance for indoor stability.



#### Up to 7680Hz Refresh Rate

Flawless motion and ultra-smooth playback.

#### Front Maintenance

Quick and accessible servicing from the front.

#### up to 6° Curved

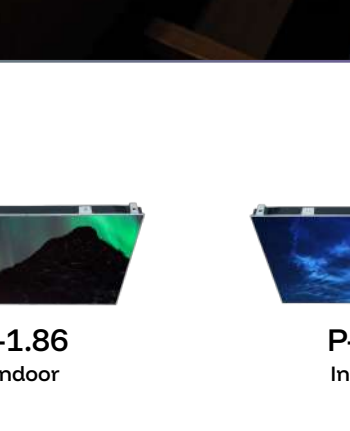
Elegant curves for immersive, seamless displays.

#### 90° Display Corners

Create bold edge integrations with clean corners.



# LUXA

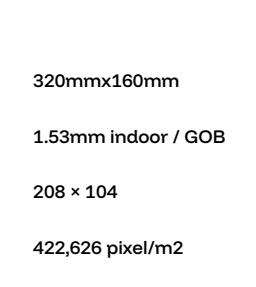


Upto 6°

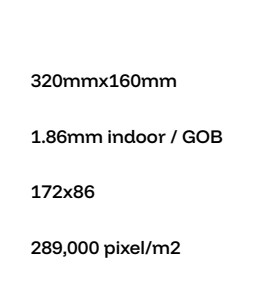
90°

Conference Room Auditorium Luxury Retail Academics Healthcare Airports

### Technical Specification



P-1.53 Indoor



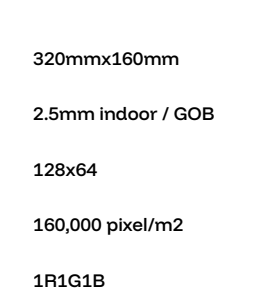
P-1.86 Indoor



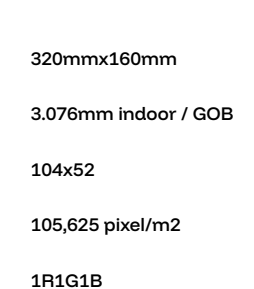
P-2.0 Indoor

Block Module	P-1.53 Indoor	P-1.86 Indoor	P-2.0 Indoor
Dimensions (w x h)	320mmx160mm	320mmx160mm	320mmx160mm
Pixel pitch	1.53mm indoor / GOB	1.86mm indoor / GOB	2mm indoor / GOB
Resolution (w x h)	208 x 104	172x86	160x80
Pixel Density	422,626 pixel/m <sup>2</sup>	289,000 pixel/m <sup>2</sup>	250,000 pixel/m <sup>2</sup>
Pixel Configuration	R1G1B	1R1G1B	1R1G1B
<b>Cabinet</b>			
Dimensions (w x h)	640x640 / 640x480	640x640 / 640x480	640x640 / 640x480
Physical Resolution (w x h)	416x416 / 416x312	344x344 / 344x258	320x320 / 320x240
Cabinet Material	Diecast Aluminum	Diecast Aluminum	Diecast Aluminum
Weight	7kgs	7kgs	7kgs
Thickness	60mm	60mm	60mm
Service	Front	Front	Front
Power Supply unit	5V-60A / 5V-40A	5V-60A / 5V-40A	5V-60A / 5V-40A
<b>Parameter</b>			
Brightness	800 - 1200cd/m <sup>2</sup> (max)	800 - 1200cd/m <sup>2</sup> (max)	800 - 1200cd/m <sup>2</sup> (max)
Viewing Angle	140°/140°	140°/140°	140°/140°
Minimum Viewing Distance	>1.53m	>1.86m	>2m
Brightness Control	256 levels	256 levels	256 levels
Contrast Ratio	5000 :1	5000 :1	5000 :1
Grey scale	16bit	16bits	16bits
Refresh frequency	>3840/7680Hz	>3840/7680Hz	>3840/7680Hz
Driving mode	Constant Current Driving	Constant Current Driving	Constant Current Driving
Scan method	1/52 Scan	1/43 Scan	1/40 Scan
Input Voltage	AC 110-240V /5V60Hz	AC 110-240V /5V60Hz	AC 110-240V /5V60Hz
Power Consumption (m2)	<450W/m <sup>2</sup> Max - <220W/m <sup>2</sup> Avg	<450W/m <sup>2</sup> Max - <220W/m <sup>2</sup> Avg	<450W/m <sup>2</sup> Max - <220W/m <sup>2</sup> Avg
Lifetime	1,00,000 hours	1,00,000 hours	1,00,000 hours
International Protection	IP45	IP45	IP45
Operation temperature	-20°C~50°C / 10%-65%RH (No Condensation)	-20°C~50°C / 10%-65%RH (No Condensation)	-20°C~50°C / 10%-65%RH (No Condensation)
Working humidity	10%-60%RH (No Condensation)	10%-60%RH (No Condensation)	10%-60%RH (No Condensation)

### Technical Specification



P-2.5 Indoor



P-3.076 Indoor

Block Module	P-2.5 Indoor	P-3.076 Indoor
Dimensions (w x h)	320mmx160mm	320mmx160mm
Pixel pitch	2.5mm indoor / GOB	3.076mm indoor / GOB
Resolution (w x h)	128x64	104x52
Pixel Density	160,000 pixel/m <sup>2</sup>	105,625 pixel/m <sup>2</sup>
Pixel Configuration	1R1G1B	1R1G1B
<b>Cabinet</b>		
Dimensions (w x h)	640x640 / 640x480	640x640 / 640x480
Physical Resolution (w x h)	256x156 / 256x192	208x208 / 208x156
Cabinet Material	Diecast Aluminum	Diecast Aluminum
Weight	7kgs	7kgs
Thickness	60mm	60mm
Service	Front	Front
Power Supply unit	5V-60A / 5V-40A	5V-60A / 5V-40A
<b>Parameter</b>		
Brightness	800 - 1200cd/m <sup>2</sup> (max)	800 - 1200cd/m <sup>2</sup> (max)
Viewing Angle	140°/140°	140°/140°
Minimum Viewing Distance	>2.5m	>3.076m
Brightness Control	256 levels	256 levels
Contrast Ratio	5000 :1	5000 :1
Grey scale	16bit	16bits
Refresh frequency	>3840/7680Hz	>3840/7680Hz
Driving mode	Constant Current Driving	Constant Current Driving
Scan method	1/32 Scan	1/28 Scan
Input Voltage	AC 110-240V /5V60Hz	AC 110-240V /5V60Hz
Power Consumption (m2)	<450W/m <sup>2</sup> Max - <220W/m <sup>2</sup> Avg	<450W/m <sup>2</sup> Max - <180W/m <sup>2</sup> Avg
Lifetime	1,00,000 hours	1,00,000 hours
International Protection	IP45	IP45
Operation temperature	-20°C~50°C / 10%-65%RH (No Condensation)	-20°C~50°C / 10%-65%RH (No Condensation)
Working humidity	10%~90%RH	10%~90%RH

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