

Luxa

by

everglow



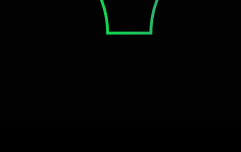
P-1.5 P-1.8 P-2.0 P-2.5 P-3.0

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.



Conference

Retail

Room

Academics

Auditorium

Healthcare

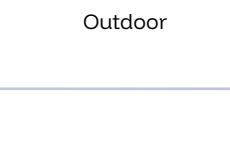
Luxury

Airports

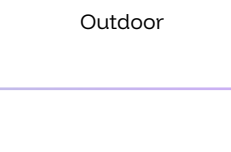
Technical Specification



P-1.53
Outdoor



P-1.86
Outdoor



P-2.0
Outdoor

Block Module

Dimensions (w x h)

320mmx160mm

Pixel pitch

1.53mm indoor / GOB

Resolution (w x h)

208 × 104

Pixel Density

422,626 pixel/m²

Pixel Configuration

R1G1B

Block Module

Dimensions (w x h)

320mmx160mm

Pixel pitch

1.86mm indoor / GOB

Resolution (w x h)

172x86

Pixel Density

289,000 pixel/m²

Pixel Configuration

1R1G1B

Block Module

Dimensions (w x h)

320mmx160mm

Pixel pitch

2mm indoor / GOB

Resolution (w x h)

160x80

Pixel Density

250,000pixel/m²

Pixel Configuration

1R1G1B

Cabinet

Dimensions (w x h)

640x640 / 640x480

Physical Resolution (w x h)

416x416 / 416x312

Cabinet Material

Diecast Aluminum

Weight

7kgs

Thickness

60mm

Service

Front

Power Supply unit

5V-60A / 5V-40A

Cabinet

Dimensions (w x h)

640x640 / 640x480

Physical Resolution (w x h)

344x344 / 344x258

Cabinet Material

Diecast Aluminum

Weight

7kgs

Thickness

60mm

Service

Front

Power Supply unit

5V-60A / 5V-40A

Cabinet

Dimensions (w x h)

640x640 / 640x480

Physical Resolution (w x h)

320x320 / 320x240

Cabinet Material

Diecast Aluminum

Weight

7kgs

Thickness

60mm

Service

Front

Power Supply unit

5V-60A / 5V-40A

Parameter

Brightness

800 - 1200cd/m² (max)

Viewing Angle

140°/140°

Minimum Viewing Distance

>1.53m

Brightness Control

256 levels

Contrast Ratio

5000 :1

Grey scale

16bit

Refresh frequency

>3840/7680Hz

Driving mode

Constant Current Driving

Scan method

1/52 Scan

Input Voltage

AC 110-240V /5V60Hz

Power Consumption (m2)

<450W/m² Max -
<220W/m² Avg

Lifetime

1,00,000 hours

International Protection

IP45

Operation temperature

-20°C~50°C / 10%-65%RH
(No Condensation)

Working humidity

10%—60%RH (No Condensation)

Parameter

Brightness

800 - 1200cd/m² (max)

Viewing Angle

140°/140°

Minimum Viewing Distance

>1.86m

Brightness Control

256 levels

Contrast Ratio

5000 :1

Grey scale

16bits

Refresh frequency

>3840/7680Hz

Driving mode

Constant Current Driving

Scan method

1/43 Scan

Input Voltage

AC 110-240V /5V60Hz

Power Consumption (m2)

<450W/m² Max -
<220W/m² Avg

Lifetime

1,00,000 hours

International Protection

IP45

Operation temperature

-20°C~50°C / 10%-65%RH
(No Condensation)

Working humidity

10%—60%RH (No Condensation)

Parameter

Brightness

800 - 1200cd/m² (max)

Viewing Angle

140°/140°

Minimum Viewing Distance

>2m

Brightness Control

256 levels

Contrast Ratio

5000 :1

Grey scale

16bits

Refresh frequency

>3840/7680Hz

Driving mode

Constant Current Driving

Scan method

1/40 Scan

Input Voltage

AC 110-240V /5V60Hz

Power Consumption (m2)

<450W/m² Max -
<220W/m² Avg

Lifetime

1,00,000 hours

International Protection

IP45

Operation temperature

-20°C~50°C / 10%-65%RH
(No Condensation)

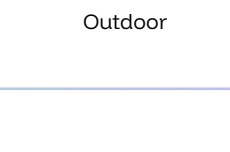
Working humidity

10%—60%RH (No Condensation)

Technical Specification



P-2.5
Outdoor



P-3.076
Outdoor

Block Module

Dimensions (w x h)

320mmx160mm

Pixel pitch

2.5mm indoor / GOB

Resolution (w x h)

128x64

Pixel Density

160,000 pixel/m²

Pixel Configuration

1R1G1B

Block Module

Dimensions (w x h)

320mmx160mm

Pixel pitch

3.076mm indoor / GOB

Resolution (w x h)

104x52

Pixel Density

105,625 pixel/m²

Pixel Configuration

1R1G1B

Cabinet

Dimensions (w x h)

640x640 / 640x480

Physical Resolution (w x h)

256x156 / 256x192

Cabinet Material

Diecast Aluminum

Weight

7kgs

Thickness

60mm

Service

Front

Power Supply unit

5V-60A / 5V-40A

Cabinet

Dimensions (w x h)

640x640 / 640x480

Physical Resolution (w x h)

208x208 / 208x156

Cabinet Material

Diecast Aluminum

Weight

7kgs

Thickness

60mm

Service

Front

Power Supply unit

5V-60A / 5V-40A

Parameter

Brightness

800 - 1200cd/m² (max)

Viewing Angle

140°/140°

Minimum Viewing Distance

>2.5m

Brightness Control

256 levels

Contrast Ratio

5000 :1

Grey scale

16bit

Refresh frequency

>3840/7680Hz

Driving mode

Constant Current Driving

Scan method

1/32 Scan

Input Voltage

AC 110-240V /5V60Hz

Power Consumption (m2)

<450W/m² Max -
<220W/m² Avg

Lifetime

1,00,000 hours

International Protection

IP45

Operation temperature

-20°C~50°C / 10%-65%RH
(No Condensation)

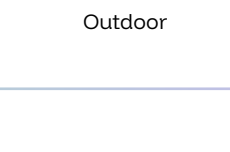
Working humidity

10%—90%RH

Technical Specification



P-2.5
Outdoor



P-3.076
Outdoor

Block Module

Dimensions (w x h)

320mmx160mm