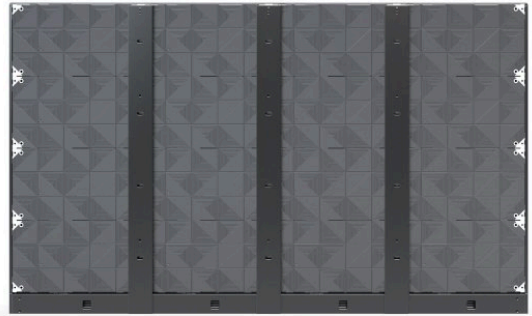


Indoor LED 1.2 mm 110" FullHD Bundle

# Sharp LD-D121-110



## Next-Level Visual Performance. Built to Endure.

Delivering vibrant colour, deep blacks, and extreme contrast, the Sharp D Series redefines the visual experience with captivating content, even in the brightest environments. Powered by advanced flip-chip CoB technology, it provides outstanding image clarity and true blacks, aligning it for presentation of detail-rich content, wayfinding, and immersive digital storytelling across a variety of settings.

The highly energy efficient flip-chip CoB architecture not only enhances visual performance but also reduces power consumption, helping to significantly lower operating costs over its long lifetime.

Engineered for durability, the D Series performs reliably in demanding spaces such as transport hubs, public venues and corporate settings. Choose from standard-size bundle options, including all the components needed for seamless integration of large format displays, free from distracting bezels. Its robust construction, high brightness, and long service life make it a smart investment for professional installations that prioritise visual quality and long-term value.

## Benefits

**Excellent contrast ratio of up to 20000:1 and deep black level** – ensures content is presented in vivid clarity for the best possible viewing experience.

**Significantly lowering your energy usage** – CoB technology is highly efficient, consuming up to 40% less power compared to standard SMD technology at the same brightness output.

**Established mechanical cabinet design** – supports wall mounted or freestanding installation with speed and ease, achieving precision module alignment for a single large surface perception.

**Excellent visual performance** – unseen colour reproduction with excellent off angle performance.

**Secure investment in high-end dvLED visualisations** – CoB technology enables installations to be more robust and long lasting.

# Specifications

## Product Information

### Product Name

Sharp LD-D121-110

### Product Group

Indoor LED 1.2 mm 110" FullHD Bundle

### Components

LD-D121

### Order Code

LDD121-110, LDD121-110-NP (no powerbar)

## Display

### LED type

COB (0408)

### Screen Size [inch/cm]

110 / 279

### Aspect Ratio

16:9

### Pixel Pitch [mm]

1.2

### Brightness (max.) [cd/m<sup>2</sup>]

800

### Lifetime

100000 hrs (50% brightness)

### Contrast Ratio (typ.)

20000:1

### Viewing Angle [°]

160 horizontal / 160 vertical

### Dimming Capability

256 levels

### Colour Processing

16 bit

### Colours [Trill.]

281

### LED Driving Method

1/45 dynamic scan

### Frame Rate [Hz]

50/60

### Refresh Rate [Hz]

≤ 3840

### Colour Temperature [K]

3000 - 9500

## Screen Resolution

### Resolution

1920 x 1080

### Resolution per m<sup>2</sup>

623269

### Number of Pixel per module [dot]

480 x 270

### Number of Pixel per card [dot]

120 x 135

## Connectivity

### Input Video Digital

1 x 3G SDI; 1 x DVI-D; 1 x HDMI

### Input Control

1 x GenLock; 1 x LAN

## Electrical

### Total Power Consumption [W]

640 typ. / 1120 max.

### Power Consumption typ. [W]

192 per m<sup>2</sup> (normal use)

### Power Consumption max. [W]

337 per m<sup>2</sup>

### Power Consumption typ. [BTU]

653 per m<sup>2</sup> (normal use)

### Power Consumption max. [BTU]

1146 per m<sup>2</sup>

## Environmental Conditions

### Operating Temperature [°C]

-20 to 40

### Operating Humidity [%]

10 to 80

## Mechanical

### Dimensions (W x H x D) [mm] per module

608 x 342 x 48.5

### Dimensions (W x H x D) [mm]

2,472 x 1,489.5 x 82

### Weight [kg]

152.2

## Additional Features

### Shipping Content

1x LED Controller; LED Modules (16 Cabinets, 128 Pixel Cards); Overframe Kit (4x4); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (4x4)

### Special Characteristics

Single Data Receiving Cards; Single Power Supplies

### Manufacturer

SHARP

### Serviceability

Front Service

### IP Level

IP20; IP40

### Certifications

CE; ETL; FCC Class A; RoHS

### Warranty

3 years

### Material

Aluminum Cabinet

\* 110 inch



CE



RoHS



FCC Class A

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