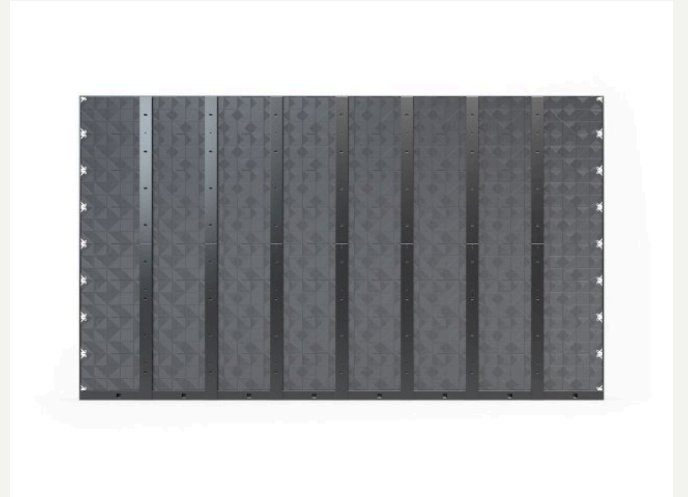


Indoor LED 1.2 mm 220" UHD Bundle

Sharp LD-D121-220



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-D121-220

Product Group

Indoor LED 1.2 mm 220" UHD Bundle

Components

LD-D121

Order Code

LDD121-220, LDD121-220-NP (no powerbar)

Display

LED type

COB (0408)

Screen Size [inch/cm]

220 / 559

Aspect Ratio

16:9

Pixel Pitch [mm]

1.2

Brightness (max.) [cd/m²]

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

3840 x 2160

Resolution per m²

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]

2560 typ. / 4480 max.

Power Consumption typ. [W]

192 per m² (normal use)

Power Consumption max. [W]

337 per m²

Power Consumption typ. [BTU]

653 per m² (normal use)

Power Consumption max. [BTU]

1146 per m²

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]

4,904 x 2,857.5 x 82

Weight [kg]

543

Additional Features

Shipping Content

1x LED Controller; LED Modules (64 Cabinets, 512 Pixel Cards); Overframe Kit (8x8); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (8x8)

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

* 220 inch



CE



RoHS



FCC Class A

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